Appendix D
Exhibit Log

Exhibit 1
Notice of Program Evaluation, dated September 25, 2012, and Records Request

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 10
1200 Sixth Avenue, Suite 900
Seattle, Washington 98101-3140

SEP 25 2012

OFFICE OF
COMPLIANCE AND ENFORCEMENT

Reply to OCE-133

CERTIFIED MAIL –RETURN RECEIPT REQUESTED

Aaron G. Reardon
Snohomish County Executive
3000 Rockefeller Avenue
Everett, Washington 98201

Re: Snohomish County, Washington (hereinafter, Snohomish County) Municipal Separate Storm Sewer System - Notice of Program Evaluation (Permittee Coverage No. WAR04-4502)

Dear Mr. Reardon:

This letter provides formal notification that the U.S. Environmental Protection Agency Region 10 (EPA) will be conducting a focused evaluation and inspection of your Phase I Municipal Separate Storm Sewer System (MS4) program. Representatives from EPA, the State of Washington Department of Ecology (Ecology), and PG Environmental, LLC (PG), a contractor to the EPA, will be present. The program evaluation will be performed pursuant to 40 C.F.R. §122.41(i) and your National Pollutant Discharge Elimination System (NPDES) Permit No. WAR04-4502. The goal of the program evaluation is to determine your overall success and effectiveness in meeting the conditions and requirements contained within the permit.

We have scheduled the inspection for Tuesday, October 23, 2012, through Wednesday, October 24, 2012. We would like to start at 8:00 a.m. at the Snohomish County offices on Tuesday, October 23, 2012. Snohomish County is asked to provide a suitable location where EPA Region 10, Ecology, PG, Snohomish County, and other appropriate MS4 permittee staff can meet on Tuesday, October 23, 2012 through Wednesday, October 24, 2012. The program evaluation will consist of interviews with the MS4 permittee staff members, file reviews, and inspections of multiple aspects of Snohomish County operations.

We plan to review the stormwater program procedures and practices of Snohomish County and will need appropriate personnel knowledgeable about these specific program areas to be available. Therefore, in an effort to minimize disturbances to staff and ensure that proper personnel (including inspectors) are available, we have prepared a program evaluation agenda for each day (See electronic file/table attached to email transmittal). The draft agenda serves to schedule this evaluation and to help you identify the appropriate person(s) who should be present during the office and in-field review. We can make small adjustments to this itinerary to meet schedule conflicts if necessary. In addition, we intend to hold a conference call with you in the weeks preceding the inspection to discuss logistics.

Upon conclusion of the program inspection, we will provide an exit interview during which we can discuss the preliminary findings. All findings will remain preliminary until the delivery of a detailed evaluation report.

To assist with the MS4 evaluation, EPA is requesting the information listed in the enclosed spreadsheet (See electronic file/spreadsheet attached to email transmittal). The spreadsheet is intended to be filled-out electronically. EPA is requesting this information pursuant to Section 308 of the Clean Water Act (CWA), 33 U.S.C. §1318.

For the most part, EPA requests that the information be provided during the applicable program element discussions scheduled for Tuesday, October 23, 2012. However, Item Nos. 1, 3-5, 8-12, 23, and 33 are highlighted in red, as these are primarily needed to help us understand what can be accomplished during our field exercises. Please provide the completed spreadsheet via e-mail and Item Nos. 1, 3-5, 8-12, 23, and 33 of the information request via mail or e-mail by October 15, 2012. Note that the deadline for your response is intended to allow us some time to review specific information that you submit before the inspection takes place. Wherever you are unable to provide a response in the required timeframe, please note that fact in your response. Please be aware that your lack of a response may necessitate a more in-depth investigation of the applicable portions of your stormwater management program. If some of the documents requested are extremely large and not available in electronic format, please have those documents available on-site for review, and indicate which documents you will have available on-site.

Please be aware that some of the items in the enclosed spreadsheet may not be applicable to the way your particular program is structured. If that is the case, please provide an explanation in the comments field of the spreadsheet, and we can discuss in more detail during the inspection. EPA will likely request additional/specific documents during the inspection as we become aware of them (note that the records request contains place holders for anticipated items). A copy of the response should be mailed to both:

Julie Congdon
U.S. EPA, Region 10
1200 6th Avenue, Suite 900, OCE-133
Seattle, WA 98101
congdon.julie@epa.gov

and

Candice Owen
U.S. EPA Contractor
PG Environmental, LLC
607 10th Street, Suite 307
Golden, CO 80401
candice.owen@pgenv.com

Failure to provide all the requested information or to adequately explain the basis for such failure, or to make any false material statement or representation in response to this Information Request constitutes a violation of the Section 308 of the CWA. A violation of Section 308 of the CWA may result in an enforcement action and the imposition of civil and/or criminal penalties or fines as provided under Section 309 of the CWA, 33 U.S.C. §1319, and Title 18 of the United States Code, 18 U.S.C. §1001.

Although the information requested may be submitted to EPA, you are entitled to assert a business confidentiality claim under 40 C.F.R. Part 2, Subpart B. If EPA determines your business confidentiality claim meets the criteria under 40 C.F.R. § 2.208, the information will be disclosed only to the extent described under 40 C.F.R. Part 2, Subpart B. Unless a confidentiality claim is asserted at the time the requested information is submitted, EPA may make the information available to the public without further notice to you.

We look forward to your cooperation with this matter. If you have questions about this inspection, please contact Julie Congdon, Compliance Officer at (206) 553-2752.

We thank you in advance for your cooperation.

Sincerely,

Edward J. Kowalski
Director

Enclosures

cc w/enc: Bill Leif
Snohomish County

Rachel McCrea
Washington State Department of Ecology

Sent via email and U.S. mail

EPA MS4 PROGRAM COMPLIANCE INSPECTION - Snohomish County, Washington
October 23-24, 2012
Pre Inspection Questionnaire and Records Request

Program Management/Kick-off Meeting						
Item No.	**Document(s)/Data Requested**	**Document/Data Provided (please select Yes/No)**	**Formal Title(s) of Document(s) Provided and Date/Version**	**Department Responsible for Document(s)**	**Web Link to Document(s) Provided (Yes/No; please provide web address information)**	**Data Entry/Additional Information Regarding Requested Item (Comments/Notes)**
1	Stormwater Management Program (SWMP) Plan (Version currently operating under)					
2	Process for consideration of public comments on the SWMP					
3	MS4 Annual Report (most recent Reporting Year)					
4	Program organizational chart and/or a description of the departments and personnel involved in the implementation of your MS4 program and their responsibilities					
5	Map of the permitted area and receiving waters, basins, and segments, including any TMDL or 303(d) listed waters					
6	Any formal intra-governmental coordination agreements among County departments for implementation of your MS4 programs (i.e., executive order or other coordination mechanisms)					
7	Any formal "interagency" agreements with other entities/local governments for implementation of your MS4 programs (e.g., memoranda of understanding)					
8	MS4 Annual Expenditure (most recent Fiscal Year)					
9	MS4 Budget (most recent Fiscal Year)					
10	Primary MS4 Funding Source					
11	Number of Major MS4 Outfalls (Indicate Estimated or Measured)					

Operation and Maintenance						
Please Provide a Description of the Departments/Divisions Involved in Program Element and Brief Description of Responsibilities:						
Item No.	**Document(s) Requested**	**Document Provided (please select Yes/No)**	**Formal Title(s) of Document(s) Provided and Date/Version**	**Department Responsible for Document(s)**	**Web Link to Document(s) Provided (Yes/No; please provide web address information)**	**Additional Information Regarding Requested Item (Comments/Notes)**
12	Map/inventory of the County facilities and properties within the permitted area (e.g., road maintenance facilities, stockpile sites, storage and material handling areas, etc.)					
13	Example Facility Stormwater Pollution Prevention Plan (SWPPP) document—EPA Inspection Team may select additional sites at the time of the inspection					
14	List of all heavy equipment maintenance or storage yards, and material storage facilities owned or operated by the County that are covered under the MS4 Permit					
15	Records of County facility/yard inspections conducted for storm water purposes (most recent Reporting Year)—EPA Inspection Team may select specific sites at the time of the inspection					
16	Documentation of practices, policies and procedures to reduce pollutants on Permittee owned lands including: parks, open space, road right-of-ways, maintenance yards, and stormwater treatment and flow controls					
17	Maintenance Standards developed for stormwater facilities (e.g., catch basins, permanent treatment and flow controls)					
18	Records of inspections and maintenance of County facilities including: pipes and culverts, catch basins, inlets, and ditches (Examples from current Permit term)					
19	O & M employee training plan/program, records, and syllabus pertaining to pollution prevention/good housekeeping (most recent Reporting Year)					
20	Any other standard operating procedures used by the County to support this SWMP component					

Source Control Program for Existing Development						
Please Provide a Description of the Departments/Divisions Involved in Program Element and Brief Description of Responsibilities: Example: Industrial Pretreatment Division - Oversees source control program element. Staff conduct reviews of site plans for businesses, conduct inspections, and ensure implementation of operational BMPs.						
Item No.	**Document(s) Requested**	**Document Provided (please select Yes/No)**	**Formal Title(s) of Document(s) Provided and Date/Version**	**Department Responsible for Document(s)**	**Web Link to Document(s) Provided (Yes/No; please provide web address information)**	**Additional Information Regarding Requested Item (Comments/Notes)**
21	Ordinance(s) or regulatory mechanism(s) requiring the application of source control BMPs for pollutant generating sources associated with existing land uses and activities					
22	Example inspection records completed for pollutant generating sources - EPA Inspection Team may select specific sites at the time of the inspection					
23	Map/inventory of land uses/businesses that are potential polluters using the catagories of land uses and businesses in Appendix 8 of Phase I permit					
24	Procedures for fielding complaint-based responses					
25	Example of educational information provided to businesses					
26	Methodology for Self-Certification process (if applicable)					
27	Documentation for progressive enforcement policy					
28	Example/case file of source control incident where enforcement was used (ideally full extent of enforcement authority)					
29	Training records and syllabus for Permittee staff whose primary duties are implementing the source control program (most recent Reporting Year)					
30	Any other standard operating procedures used by the County to support these SWMP components					

Controlling Runoff From New Development and Redevelopment						
Please Provide a Description of the Departments/Divisions Involved in Program Element and Brief Description of Responsibilities: Example: Development Review Division - Oversees post-construction program element. Staff conduct reviews of site plans for post-construction controls, conduct inspections, and ensure long-term O&M of post-construction controls.						
Item No.	**Document(s) Requested**	**Document Provided (please select Yes/No)**	**Formal Title(s) of Document(s) Provided and Date/Version**	**Department Responsible for Document(s)**	**Web Link to Document(s) Provided (Yes/No; please provide web address information)**	**Additional Information Regarding Requested Item (Comments/Notes)**
31	All post-construction related ordinance(s) or regulatory mechanism(s) pertaining to permanent stormwater treatment and flow control facilities for new development and re-development projects					
32	Design manual for post-construction control					
33	Map/inventory of post-construction stormwater management practices within the County's jurisdiction (differentiating County owned/operated from private)					
34	Inspection schedule for permanent stormwater treatment and flow controls inspections, both private and Permittee owned (most recent Reporting Year)					
35	Records of inspection and maintenance activities for post-construction stormwater management practices (Examples from most recent Reporting Year)					
36	Progressive enforcement policy requiring sites to come into compliance					
37	Training records and syllabus for Permittee staff that conduct post-construction stormwater management practice inspections (most recent Reporting Year)					

In Addition to the Numbered Items Requested Above: Provide Any Other Documents or Tools You Believe Demonstrate Program Development and Structure.				
Item No.	**Formal Title of Document Provided (including Date/Version)**	**Department Responsible for Document**	**Web Link to Document Provided**	**Additional Information Regarding Document Provided (Comments/Notes)**

Exhibit 2
Snohomish County Response Inventory
Submitted October 18, 2012 and October 23, 2012

EPA Request #	Information Requested	Information or information source	Comments
1	Stormwater Management Program (SWMP) Plan (Version currently operating under)	http://www1.co.snohomish.wa.us/Departments/Public_Works/Services/NPDES/npdesreports_03-Dec-2010_07-28-09.htm	This page contains links to the 2012 SWMP and 2012 Structural Stormwater Controls Program
3	MS4 Annual Report (most recent Reporting Year)	http://www1.co.snohomish.wa.us/Departments/Public_Works/Services/NPDES/npdesreports_03-Dec-2010_07-28-09.htm	This page contains a link to the 2011 annual report
4	Program organizational chart and/or a description of the departments and personnel involved in the implementation of your MS4 program and their responsibilities	See "October 15 2012 Records Request Response - Line 4 - Departmental responsibilities.docx"	
5	Map of the permitted area and receiving waters, basins, and segments, including any TMDL or 303(d) listed waters	http://apps.ecy.wa.gov/wqawa2008/viewer.htm	This page is Ecology's interactive map showing 303(d) listed water bodies. The user can select a subarea of the map (e.g., Snohomish County or a subarea of Snohomish County to view 303(d) listed water body segments in detail. Also, Appendix 2 of the 2013-2018 NPDES Phase 1 municipal stormwater permit lists specific requirements for Snohomish County pursuant to the following TMDLs: Stillaguamish River, Snohomish River Tributaries, North Creek, and Swamp Creek.
8	MS4 Annual Expenditure (most recent Fiscal Year)	$14.1M	Combination of estimated and actual expenditures for 2011
9	MS4 Budget (most recent Fiscal Year)	See response to line 8	Snohomish County does not create a comprehensive "NPDES" budget. Special Condition S5.A.2 of the existing NDPES permit is satisfied by being able to generate actual or estimated expenditures, of which the response to Line 8 is an example.
10	Primary MS4 Funding Source	The primary sources are Road Fund, Surface Water Utility fees, and Real Estate Excise Tax, and General Fund.	
11	Number of Major MS4 Outfalls (Indicate Estimated or Measured)	98	Estimated

EPA Request #	Information Requested	Information or information source	Comments
	Operation and Maintenance		
12	Map/inventory of the County facilities and properties within the permitted area (e.g., road maintenance facilities, stockpile sites, storage and material handling areas, etc.)	See "October 15 Records Response Request - Line 12 County properties except Parks.xlsx", "October 15 2012 Records Request Response - Line 12 - Parks properties list 1.pdf", and "October 15 2012 Records Request Response - Line 12 - Parks properties list 2.pdf"	The lists related to Parks are a complete inventory of Parks properties. The 'County properties except Parks' list contains properties other than stormwater control facility properties that (1) have an access road, parking lot, or building regularly used by County vehicles, (2) have a constructed storm sewer system containing catch basins or pipes that falls under the maintenance requirements of the NPDES permit, (3) are regularly used by County staff for County work purposes, or (4) are intended for regular use by members of the public.
	Source Control and IDDE		
23	Map/inventory of land uses/businesses that are potential polluters using the catagories of land uses and businesses in Appendix 8 of Phase I permit	See "October 15 2012 Records Request Response - Line 23 - Business Inspection Program list.xlsx"	
	New Development / Redevelopment		
33	Map/inventory of post-construction stormwater management practices within the County's jurisdiction (differentiating County owned/operated from private)	See "October 15 2012 Records Request Response - Line 33 - Stormwater facilities.xlsx"	This spreadsheet file contains stormwater facilities that are owned, operated, or regulated by the County per the NPDES permit, as well as those to which the requirements of the NPDES permit do not apply. The file segregates these two types of facilities.

KMC
10/23/12

2012 NPDES Compliance Audit of Snohomish County - List of records requested by October 23, 2012 (excludes records sent October 15 2012)

EPA Request #	Information Requested	Information or information source	Comments
2	Process for consideration of public comments on the SWMP	http://www1.co.snohomish.wa.us/Departments/Public_Works/Services/NPDES/npdesreports_03-Dec-2010_07-28-09.htm	See 2012 SWMP, page 14
6	Any formal intra-governmental coordination agreements among County departments for implementation of your MS4 programs (i.e., executive order or other coordination mechanisms)	X:\Wq\NPDES\municipal stormwater permit\2007 phase 1 permit\S5C3 - coordination\interdepartmental coordination\Xo08-50 NPDES Interdepartmental Coordination.pdf	
7	Any formal "interagency" agreements with other entities/local governments for implementation of your MS4 programs (e.g., memoranda of understanding)	None	
	Operation and Maintenance (of County sites and properties)		
13	Example Facility Stormwater Pollution Prevention Plan (SWPPP) document—EPA Inspection Team may select additional sites at the time of the inspection	https://team/depts/spw/SolidWaste/Industrial%20NPDES/Cathcart%20%20NPDES%20%20Industrial/Forms/AllItems.aspx	PW Solid Waste Sharepoint site - Cathcart SWPPP
14	List of all heavy equipment maintenance or storage yards, and material storage facilities owned or operated by the County that are covered under the MS4 Permit	X:\Wq\NPDES\municipal stormwater permit\2012 audit\Countywide prep files\October 15 2012 records request response - Line 14 - properties with SWPPPs.xlsx	
15	Records of County facility/yard inspections conducted for storm water purposes (most recent Reporting Year)—EPA Inspection Team may select specific sites at the time of the inspection	Digital on County network	
16	Documentation of practices, policies and procedures to reduce pollutants on Permittee owned lands including: parks, open space, road right-of-ways, maintenance yards, and stormwater treatment and flow controls	Digital on County network	
17	Maintenance Standards developed for stormwater facilities (e.g., catch basins, permanent treatment and flow controls)	X:\Wq\NPDES\municipal stormwater permit\2007 phase 1 permit\Drainage Manual & PW Admin Rule\2010 DM\Sept 2010	See Chapter 4.6, Volume 5 of Drainage Manual
18	Records of inspections and maintenance of County facilities including: pipes and culverts, catch basins, inlets, and ditches (Examples from current Permit term)	Digital on County network	
19	O & M employee training plan/program, records, and syllabus pertaining to pollution prevention/good housekeeping (most recent Reporting Year)	Digital on County network	
20	Any other standard operating procedures used by the County to support this SWMP component	N/A	

2012 NPDES Compliance Audit of Snohomish County - List of records requested by October 23, 2012 (excludes records sent October 15 2012)

EPA Request #	Information Requested	Information or information source	Comments
	Source control / business inspection / IDDE		
21	Ordinance(s) or regulatory mechanism(s) requiring the application of source control BMPs for pollutant generating sources associated with existing land uses and activities	http://www1.co.snohomish.wa.us/County_Services/county_code.htm	SCC 7.53.120
22	Example inspection records completed for pollutant generating sources - EPA Inspection Team may select specific sites at the time of the inspection	AMANDA database	
24	Procedures for fielding complaint-based responses	Hard copy	
25	Example of educational information provided to businesses	Hard copy	
26	Methodology for Self-Certification process (if applicable)	N/A	
27	Documentation for progressive enforcement policy	http://www1.co.snohomish.wa.us/County_Services/county_code.htm	SCC 7.53.180 - SCC 7.53.230
28	Example/case file of source control incident where enforcement was used (ideally full extent of enforcement authority)	AMANDA database	
29	Training records and syllabus for Permittee staff whose primary duties are implementing the source control program (most recent Reporting Year)	Hard copy	
30	Any other standard operating procedures used by the County to support these SWMP components	N/A	
	New development, redevelopment, and stormwater facility operation/maintenance		
31	All post-construction related ordinance(s) or regulatory mechanism(s) pertaining to permanent stormwater treatment and flow control facilities for new development and re-development projects	http://www1.co.snohomish.wa.us/County_Services/county_code.htm	Various sections of Chapter 30.63A SCC
32	Design manual for post-construction control	http://www1.co.snohomish.wa.us/Departments/Public_Works/Divisions/SWM/D/DrainageManual.htm	
34	Inspection schedule for permanent stormwater treatment and flow controls inspections, both private and Permittee owned (most recent Reporting Year)	AMANDA database, digital on County network, hard copy	
35	Records of inspection and maintenance activities for post-construction stormwater management practices (Examples from most recent Reporting Year)	AMANDA database, digital on County network, hard copy	
36	Progressive enforcement policy requiring sites to come into compliance	http://www1.co.snohomish.wa.us/County_Services/county_code.htm	SCC 7.53.180 - SCC 7.53.230
37	Training records and syllabus for Permittee staff that conduct post-construction stormwater management practice inspections (most recent Reporting Year)	Digital on County network, hard copy	

Exhibit 3
Snohomish County Spill Response Plan Form

BASIC SPILL RESPONSE PLAN*

Business Name: _____

Site Address: _____

Facility Activity Description: _____

It is important that all employees be trained to carry out the spill response actions set forth below, and that each employee be familiar with the site drawing that shows where hazardous materials/substances, spill kit(s), and all potentially susceptible and vulnerable storm drains/catch basins are located (the site drawing may be depicted on the reverse side of this spill response plan).

Response Actions in Case of a Spill:

1) If possible, shut off the source of the spill immediately.
2) Notify **spill contact person & other emergency contact(s):** owner, manager, etc.
3) Use absorbent materials, such as absorbent pads, floor sweeping compound or kitty litter to contain spills that are relatively small in nature and where the spilled chemical and its hazardous properties have been properly identified and assessed.
4) Use appropriate personal protective equipment depending on the spill material.
5) Cover/block any drains/catch basins in the spill area to prevent material from entering into the stormwater system, sanitary sewer system or septic system.
6) If possible, clean up the spill using absorbent materials. Collect these absorbent materials and treat as hazardous waste.
7) If the spill is large or otherwise uncontrollable, or poses a potential immediate hazard to human health and safety, call **Emergency Response Agencies** listed below:

Emergency Contacts:

Spill Contact Person: _____ Phone #'s: _____

Owner: _____ Phone #'s: _____

Owner's Address: _____

Manager: _____ Phone #'s: _____

Other: _____ Phone #'s: _____

List of Personal Protection Equipment ("PPE") for Handling Spill:

_____

List of Hazardous Liquids that May Spill:

_____

Emergency Response Agencies:

Fire/Police: 911

Department of Ecology Spill Response: 425-649-7000

Snohomish County Surface Water Management (Spill Hotline): 425-388-6481

*This Basic Spill Response Plan may not be appropriate for all business types. As business operations and processes vary greatly, please consult Ecology or a Certified Industrial Hygienist to determine additional response actions and / or PPE that may be required for a specific business or industry.

SITE PLAN

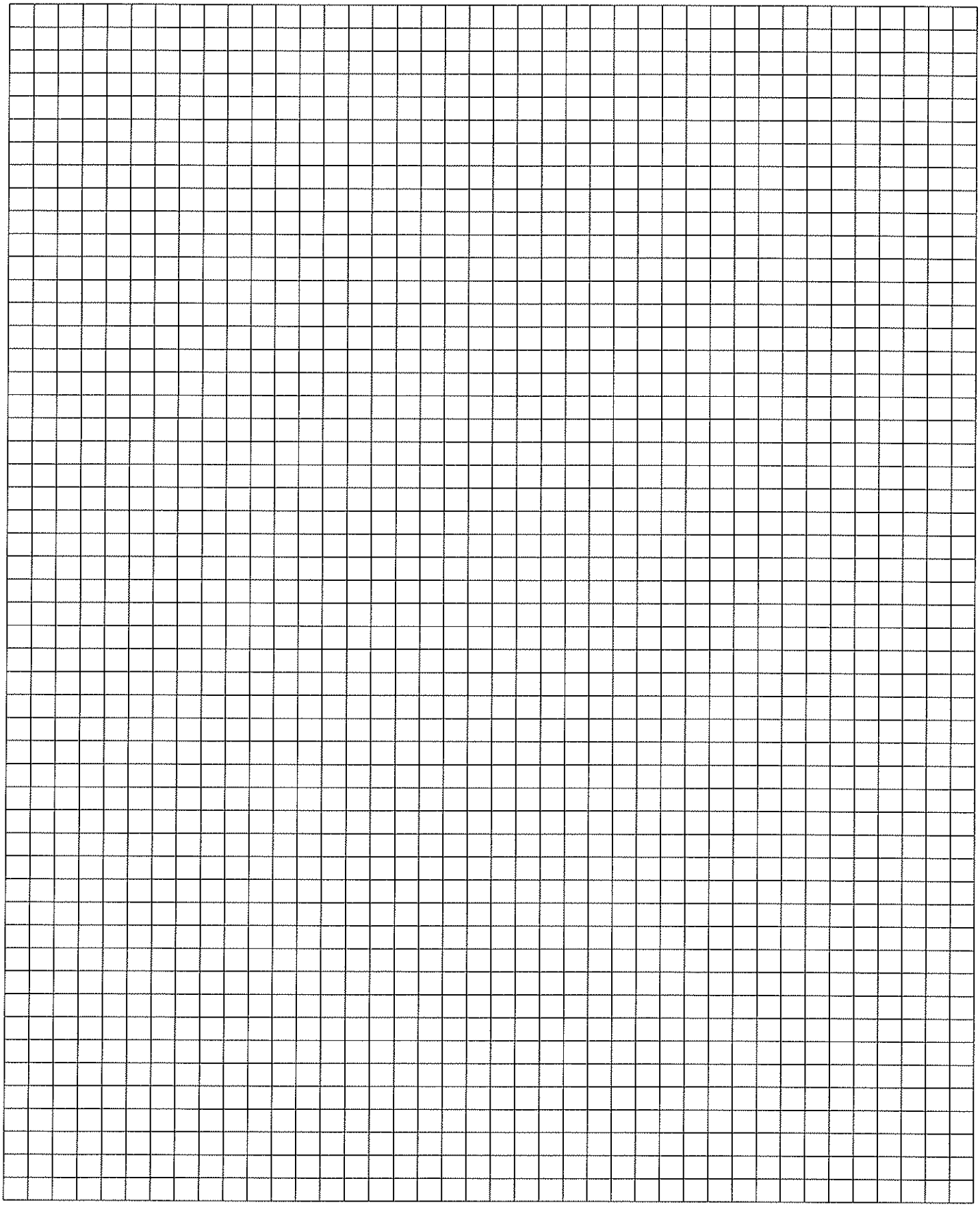


Exhibit 4
Snohomish County Ordinance Chapter 7.53 Water Pollution Control

CAO
10/23/12

Chapter 7.53 WATER POLLUTION CONTROL

*Code reviser's note: chapter 7.53 SCC, adopted by Ordinance 01-035, was re-enacted by Amended Ord. 07-030 effective on May 17, 2007, and is repealed, effective on the date six years following enactment unless re-enacted prior to that date, as provided in Snohomish County Charter Section 2.115.

7.53.010 Title.

This chapter shall be known as the Snohomish County Water Pollution Control Code.

(Added Ord. 01-035, May 23, 2001, Eff date June 2, 2001; Amended Ord. 07-030, May 2, 2007, Eff date May 17, 2007).

7.53.020 Declaration of purpose.

The purpose of this code is to protect the quality of Snohomish County's receiving waters and groundwater, and to protect the integrity of public drainage facilities, by providing minimum requirements for the control of discharges of contaminants to drainage facilities, natural drainage systems, stormwater, receiving waters, and groundwater in Snohomish County.

(Added Ord. 01-035, May 23, 2001, Eff date June 2, 2001; Amended Ord. 07-030, May 2, 2007, Eff date May 17, 2007; Amended by Ord. 08-091, July 30, 2008, Eff date Aug. 21, 2008).

7.53.030 Applicability.

Unless specifically exempted herein, this chapter applies to all discharges that occur in the unincorporated area of Snohomish County.

(Added Ord. 01-035, May 23, 2001, Eff date June 2, 2001; Amended Ord. 07-030, May 2, 2007, Eff date May 17, 2007).

7.53.040 Administration - Authority of directors.

The directors of public works and planning and development services are authorized to adopt and amend administrative rules pertaining to their responsibilities as established in this chapter for the purpose of implementing and enforcing the provisions of this chapter. Copies of all administrative rules and amendments thereto shall be available to the public at the respective departments.

(Added Ord. 01-035, May 23, 2001, Eff date June 2, 2001; Amended Ord. 07-030, May 2, 2007, Eff date May 17, 2007; Amended by Ord. 08-091, July 30, 2008, Eff date Aug. 21, 2008).

7.53.050 Snohomish County Drainage Manual

The director of public works is authorized to develop, adopt and amend technical guidelines and best management practices for implementing the requirements of this chapter. These guidelines and best management practices may be a separate document, or may consist of all or a portion of the Snohomish County Drainage Manual developed by the director of public works as authorized by chapter 30.63A SCC. Prior to adoption of the manual or amendments thereto, the director shall allow a public review period of not less than 30 days. Upon adoption, a copy of the manual shall be filed with the clerk of the county council and shall also be available to the public at the department of public works.

(Added Ord. 01-035, May 23, 2001, Eff date June 2, 2001; Amended Ord. 07-030, May 2, 2007, Eff date May 17, 2007; Amended by Ord. 08-091, July 30, 2008, Eff date Aug. 21, 2008).

7.53.060 Definitions.

In this chapter, unless the context clearly requires otherwise,

(1) "Best management practices" or "BMPs" means physical objects, structures, managerial practices, or behaviors, that when used singly or in combination, eliminate or reduce the introduction of contaminants to stormwater, receiving waters, or groundwater.

(2) "Chapter" means this chapter and any administrative rules and regulations adopted to implement and enforce it.

(3) "Clean Water Act" means 33 U.S.C. 1251 et. seq., as now existing or hereafter amended.

(4) “Connection” means a plumbing or hydraulic connection.

(5) "Contaminant" means a solid, liquid, or gaseous substance that, if discharged to a drainage facility, natural drainage system, receiving waters or groundwater, will alter the physical, chemical, or biological properties thereof to the extent that the discharge will render the facility, system, or water harmful, detrimental, or injurious to the public health, safety, or welfare, or to domestic, commercial, industrial, agricultural, recreational, or other legitimate beneficial uses, or to livestock, wild animals, birds, fish, or other aquatic life. Contaminants may include, but are not limited to the following: trash or debris; construction materials; petroleum products including but not limited to oil, gasoline, grease, fuel oil or heating oil; antifreeze and other automotive products; metals in either particulate or dissolved form; flammable or explosive materials; radioactive material; batteries; acids, alkalis, or bases; paints, stains, resins, lacquers, or varnishes; degreasers and solvents; drain cleaners; pesticides, herbicides, or fertilizers; steam cleaning wastes; soaps, detergents, or ammonia; chlorine, bromine, or other disinfectants; heated water; animal wastes; sewage; animal carcasses; food wastes; bark, soils, sediment, rock and other fibrous materials; collected lawn clippings, leaves, or

branches; dyes, except as allowed in SCC 7.53.090(11); and wastewater generated by commercial or industrial activities.

(6) "County" means Snohomish County .

(7) "Director" means the director of planning and development services unless otherwise specified.

(8) "Discharge" means to throw, drain, release, dump, spill, empty, emit, or pour any matter into receiving waters, groundwater, a natural drainage system, or a drainage facility, or to cause or allow matter to be thrown, drained, released, dumped, spilled, emptied, emitted or poured into receiving waters, groundwater, a natural drainage system, or a drainage facility, or to cause or allow matter to flow, run, or seep from land into receiving waters, groundwater, a natural drainage system, or a drainage facility.

(9) "Drainage facility" means any part of a man-made physical system designed or constructed to collect, treat convey, store, or control the flow of stormwater. Drainage facilities include, but are not limited to, storm water conveyance and containment facilities, including pipelines, constructed channels and ditches, infiltration facilities, retention and detention facilities, stormwater treatment facilities, erosion and sedimentation control facilities, and all other drainage structures and appurtenances.

(10) "Groundwater" means all waters that exist beneath the land surface or beneath the bed of any stream, lake, or reservoir, or other body of surface water, whatever may be the geological formation or structure in which such water stands, flows, percolates or otherwise moves.

(11) "National Pollutant Discharge Elimination System" or "NPDES" means the national program authorized under the Clean Water Act for controlling pollutants from point and nonpoint source discharges into waters of the United States.

(12) "National Pollutant Discharge Elimination System permit" or "NPDES permit" means a permit issued by the Washington State Department of Ecology (Ecology) acting on behalf of the United States Environmental Protection Agency (EPA), to implement the requirements of the Clean Water Act.

(13) "Natural drainage system" means the physical beds and boundaries of receiving waters, including those natural drainage systems that have been altered by human actions.

(14) "Person" means any individual, government agency, municipality, corporation, limited liability corporation, partnership, association, firm, or any other legal entity.

(15) "Public drainage facility" means any drainage facility owned or operated by Snohomish County , including but not limited to all drainage facilities located within the public right-of-way or on other County property and easements, including natural drainage systems located therein.

(16) "Receiving waters" means lakes, rivers, ponds, streams, wetlands, brackish or salt waters including any part of Puget Sound within Snohomish County, and all other naturally occurring surface waters and watercourses, including those for which the physical beds and boundaries have been altered by human actions.

(17) "Snohomish County Drainage Manual" or "Manual" means the manual adopted pursuant to SCC 7.53.050.

(18) "Source control best management practices" or "source control BMPs" means structures, equipment, supplies, or operations that are intended to prevent pollutants from coming into contact with stormwater through physical separation of areas or careful management of activities that are sources of pollutants.

(19) "State Sediment Management Standards" means those standards established by Ecology for sediment, as set forth in Chapter 173-204 of the Washington Administrative Code.

(20) "State Waste Discharge Permit" means a permit issued by Ecology in accordance with Chapter 173-216 of the Washington Administrative Code.

(21) "State Water Quality Standards" means those water quality standards established by Ecology for surface waters, as set forth in Chapter 173-201A of the Washington Administrative Code, and for groundwater, as set forth in Chapter 173-200 of the Washington Administrative Code.

(22) "Stormwater" means surface water runoff resulting from rainfall, snowmelt, or other precipitation, prior to discharge to a receiving water or groundwater.

(Added Ord. 01-035, May 23, 2001, Eff date June 2, 2001; Amended Ord. 07-030, May 2, 2007, Eff date May 17, 2007; Amended by Ord. 08-091, July 30, 2008, Eff date Aug. 21, 2008).

7.53.065 Violations.

Violations of any provision of this chapter are subject to enforcement action under this chapter as set forth herein. A violation consists of any of the following:

(1) Discharge of a contaminant into a drainage facility, natural drainage system, receiving water, or groundwater within Snohomish County;

(2) Failure to notify the director of public works of a prohibited discharge or dye testing as required by this chapter;

(3) Failure to implement technical guidelines or BMPs required by this chapter;

(4) Failure to comply with the terms of a citation issued under SCC 7.53.180; and

(5) Failure to comply with any requirement established in this chapter or performing or allowing to be performed any act or activity prohibited by this chapter.

(Added by Ord. 08-091, July 30, 2008, Eff date Aug. 21, 2008)

7.53.070 Prohibited discharges.

Except as allowed in SCC 7.53.090 or conditionally allowed in SCC 7.53.095, the following discharges to any drainage facility, natural drainage system, receiving water, or groundwater within Snohomish County are prohibited:

(1) Any discharge not completely composed of stormwater;

(2) Any discharge that causes or contributes to a violation of State Water Quality Standards or State Sediment Management Standards;

(3) Any discharge that causes or contributes to a violation of any NPDES permit or State Waste Discharge permit issued to the county;

(4) Any discharge that causes the county to be in violation of the State Underground Injection Control Program (Chapter 173-218 WAC); and

(5) Any discharge that contains contaminants.

(Added Ord. 01-035, May 23, 2001, Eff date June 2, 2001; Amended Ord. 07-030, May 2, 2007, Eff date May 17, 2007; Amended by Ord. 08-091, July 30, 2008, Eff date Aug. 21, 2008).

7.53.080 Prohibited plumbing or sewer connections.

Plumbing or sewer connections that could discharge contaminants to a drainage facility, natural drainage system, receiving waters, or groundwater within Snohomish County, in violation of SCC 7.53.070, are prohibited except:

(1) Connections conveying discharges allowed by an NPDES permit or a State Waste Discharge Permit; or

(2) Connections conveying effluent to subsurface soils from onsite sewage disposal systems authorized by the Snohomish Health District or the Washington State Department of Ecology, provided that such discharges do not otherwise violate SCC 7.53.070.

(Added Ord.01-005, May 23, 2001, Eff date June 2, 2001; Amended Ord. 07-030, May 2, 2007, Eff date May 17, 2007; Amended by Ord. 08-091, July 30, 2008, Eff Aug. 21, 2008).

7.53.090 Allowed discharges.

The following discharges are allowed if the discharge does not contain contaminants:

(1) Naturally occurring surface water and groundwater;

(2) Diverted stream flows;

(3) Uncontaminated groundwater entering drainage facilities via pipe joints, pipe connections, manholes, defective pipes, or via seepage from the earth into open drainage structures such as ditches or ponds;

(4) Pumped groundwater;

(5) Water discharged from foundation drains, footing drains, and crawl space pumps;

(6) Air conditioning condensation;

(7) Irrigation water from agricultural sources that is commingled with stormwater;

(8) Runoff from lawn watering and landscape irrigation;

(9) Materials used or structures installed as part of capital construction projects, habitat restoration projects, bank stabilization projects, scientific research, or similar projects, as approved by Snohomish County, the State of Washington, or the federal government;

(10) Marine engine exhaust and cooling water;

(11) Non-toxic dye used for identifying and testing sewer connections; and

(12) Non-stormwater discharges covered by another NPDES or State Waste Discharge Permit issued by Ecology or EPA.

(Added Ord. 01-035, May 23, 2001, Eff date June 2, 2001; Amended Ord. 07-030, May 2, 2007, Eff date May 17, 2007; Amended by Ord. 08-091, July 30, 2008, Eff date Aug. 21, 2008).

7.53.095 Conditionally allowed discharges.

The following discharges are allowed only if the discharges do not contain contaminants:

(1) Potable water discharges, including water line flushing, fire hydrant system flushing, and pipeline hydrostatic testing, when the discharge contains less than 0.1 milligram per liter of chlorine, has a pH between 6.5 and 8.5, and does not cause resuspension of sediment in the public drainage system;

(2) Swimming pool and spa discharges other than swimming pool cleaning wastewater and filter backwash, when the discharge contains less than 0.1 milligram per liter of chlorine and does not contain algicides other than chlorine or bromine compounds; and

(3) Discharges of water from washing streets, sidewalks, and building exteriors, and water used to control dust, when the discharge does not contain soap or detergent, and when streets and sidewalks associated with active construction sites are swept prior to washing.

(Added by Ord. 08-091, July 30, 2008, Eff date Aug. 21, 2008)

7.53.100 Advance notice of dye testing required.

Any person conducting dye testing in accordance with SCC 7.53.090 shall notify the director at least one day prior to the date of test.

(Added Ord. 01-035, May 23, 2001, Eff date June 2, 2001; Amended Ord. 07-030, May 2, 2007, Eff date May 17, 2007).

7.53.110 Emergency public fire fighting discharges exempt.

Discharges resulting directly from emergency public fire fighting activities are exempt from compliance with this chapter. Discharges resulting from maintenance, repair, or operation of fire fighting equipment and facilities that are not directly associated with public fire fighting, including discharges from public fire fighting training exercises are not exempt from compliance with this chapter.

(Added Ord. 01-035, May 23, 2001, Eff date June 2, 2001; Amended Ord. 07-030, May 2, 2007, Eff date May 17, 2008; Amended Ord. 08-091, July 30, 2008, Eff date Aug. 21, 2008).

7.53.120 Best management practices BMPs required.

(1) Any person storing or using materials containing contaminants in any manner that may result in a prohibited discharge shall implement the source control BMPs described in Volume 4, Chapter 2 of the Snohomish County Drainage Manual.

(2) Any person operating a facility or performing an activity described in Chapter 3, Volume 4 of the Snohomish County Drainage Manual shall implement the source control BMPs described therein for the facility or activity.

(3) Full implementation of all stormwater BMPs required by an NPDES industrial stormwater permit or State Waste Discharge Permit shall constitute compliance with this section.

(4) As an alternative to implementing the BMPs described in SCC 7.53.120(1) through (3), the director of public works or planning and development services may allow or require implementation of BMPs from Volume 4, Chapters 4 or 5 or from Volumes 2, 3, or 5 of the Snohomish County Drainage Manual, or BMPs from other documents such as stormwater pollution prevention plans developed pursuant to farm plans or similar documents, if the director determines the alternative BMPs provide substantially equivalent environmental protection and

meet the objectives of safety, function, and maintenance. The director shall document in writing all such determinations and supporting information.

(5) Implementation of the source control BMPs described in SCC 7.53.120(1) through (4) is the minimum required step toward preventing prohibited discharges. Full implementation of BMPs required by this section does not exempt a person from also complying with any other requirement of this chapter.

(Added Ord. 01-035, May 23, 2001, Eff date June 2, 2001; Amended Ord. 07-030, May 2, 2007, Eff date May 17, 2007; Amended by Ord. 08-091, July 30, 2008, Eff date Aug. 21, 2008).

7.53.130 Inspections by the director.

If not otherwise allowed by easements, covenants, or other enforceable documents, the director of either public works or planning and development services may inspect properties or facilities to determine compliance with this chapter, if permission to do so is granted by a property owner or other person with authority to grant such permission. Such inspections may include the following activities:

(1) Examination of vehicles, trailers, tanks, or mobile or stationary equipment which could cause a prohibited discharge;

(2) Inspection, sampling, and testing any area, discharge, material, or drainage facility for the purpose of determining the potential for contribution of pollutants to drainage facilities or receiving waters;

(3) Investigation of the integrity of drainage facilities on the premises using appropriate tests including but not limited to dye or smoke testing or video surveys;

(4) Creating records reasonably necessary to document conditions related to stormwater pollution or BMPs implemented on the premises, including but not limited to photographs, video, measurements and drawings; and

(5) Inspection and copying of nonconfidential records relating to site activity or processes presently or previously occurring, including but not limited to material safety data sheets, stormwater pollution prevention plans, spill response plans, hazardous waste manifests, drainage inspection records, state or federal stormwater permits, or other records related to prohibited connections or discharges.

(Added Ord. 01-035, May 23, 2001, Eff date June 2, 2001; Amended Ord. 07-030, May 2, 2007, Eff date May 17, 2007; Amended by Ord. 08-091, July 30, 2008, Eff date Aug. 21, 2008).

7.53.140 Maintenance and repair of drainage facilities.

(1) Any owner or operator of a drainage facility of the types described in Volume V, Chapter 4 of the Snohomish County Drainage Manual must ensure that the drainage facility is maintained in accordance with the maintenance standards set forth in that chapter; except that the drainage facility maintenance schedule contained in Volume V, Chapter 4 of the Snohomish County Drainage Manual shall only apply to drainage facilities that are operated or regulated by the County pursuant to the County's NPDES permit.

(2) Inspection and maintenance records shall be retained by the owners or operators of the drainage facilities described in SCC 7.53.140(1) for a minimum of five years, and shall be made available to the County upon request.

(Added Ord. 01-035, May 23, 2001, Eff date June 2, 2001; Amended Ord. 07-030, May 2, 2007, Eff date May 17, 2007; Amended by Ord. 08-091, July 30, 2008, Eff date Aug. 21, 2008; Amended by Ord. 08-135, Oct. 29, 2008, Eff date Nov. 13, 2008; Amended by Ord. 10-076, Sept. 29, 2010, Eff date Oct. 11, 2010).

7.53.150 Notification of discharges required.

Any person causing or allowing a prohibited discharge shall report the discharge immediately upon discovery to the director of either public works or planning and development services. This reporting requirement is in addition to any other notification required under federal, state or local laws and regulations.

(Added Ord. 01-035, May 23, 2001, Eff date June 2, 2001; Amended Ord. 07-030, May 2, 2007, Eff date May 17, 2007; Amended by Ord. 08-091, July 30, 2008, Eff date Aug. 21, 2008).

7.53.160 Investigation and testing of prohibited discharges.

If the director of either public works or planning and development services determines either by notification or by testing that a prohibited discharge is occurring or has occurred, he or she may require the person causing or allowing the discharge to investigate and test private plumbing, sanitary sewers, and drainage facilities, and test water to determine the nature and character of the discharge, or to determine the source or cause of the discharge. Alternatively, the director may perform such investigations and tests and recover the costs thereof to enforce this chapter as authorized herein.

(Added Ord. 01-035, May 23, 2001, Eff date June 2, 2001; Amended Ord. 07-030, May 2, 2007, Eff date May 17, 2007; Amended by Ord. 08-091, July 30, 2008, Eff date Aug. 21, 2008).

7.53.170 Enforcement --chapter 30.85 SCC not applicable

Enforcement of violations of this chapter and standards required hereunder is not subject to the provisions of chapter 30.85 SCC.

(Added Ord. 01-035, May 23, 2001, Eff date June 2, 2001; Ord. 02-098, December 9, 2002, Eff date February 1, 2003; Amended Ord. 07-030, May 2, 2007, Eff date May 17, 2007).

7.53.180 Enforcement -- citation and order to cease violation.

(1) Whenever any condition is found to be in violation of this chapter or standards required hereunder, the director may cause a citation to be issued to the person(s) causing or allowing the violation, which may include an order to immediately cease the activity causing the violation.

(2) The citation shall include the following information:

(a) The name(s) of the parties determined to be responsible for the violation(s);

(b) The address or legal description of the location where each violation has occurred;

(c) A brief description of the activity which is causing or allowing the violation;

(d) The specific provision of this chapter which has been violated;

(e) A description of any required corrective action;

(f) A deadline by which corrective action, if any, must be completed;

(g) The amount of monetary penalty imposed, if any, and the date by which payment shall be made;

(h) The signature and written name of the county official issuing the citation;

(i) The date of the citation; and

(j) Notice of the right to appeal provided in SCC 7.53.230.

(3) A citation may be amended at any time to correct clerical errors, which shall not affect the validity of the citation.

(4) The citation shall be served upon the party or parties named therein by one of the following methods: either:

(a) By personal service;

(b) By certified mail, sent to the last known address of the party or parties named in the citation;

(c) If the address of the party or parties named in the citation is unknown, by posting a copy of the citation in a conspicuous place at the site of the violation.

(Added Ord. 01-035, May 23, 2001, Eff date June 2, 2001; Amended Ord. 07-030, May 2, 2007, Eff date May 17, 2007; Amended by Ord. 08-091, July 30, 2008, Eff date Aug. 21, 2008).

7.53.185 Warning notice as alternative to citation.

(1) As an alternative to issuing a citation, the director may issue a warning notice to a person or persons causing or allowing an apparent violation of this chapter if the apparent violation can be corrected within a reasonable amount of time. A warning notice is a communication by the director containing recommended actions that may be taken by a person responsible for an apparent violation in order to potentially avoid the issuance of a citation.

(2) The warning notice shall include the following information:

(a) The name(s) of the parties determined to be responsible for the apparent violation(s); (b) The address or legal description of the location where each apparent violation has occurred;

(c) A brief description of the activity which is causing or allowing the apparent violation;

(d) The specific provision of this chapter which has been apparently violated;

(e) A description of any recommended corrective action;

(f) A deadline by which corrective action should be completed in order to avoid issuance of a citation by the director;

(g) The signature and written name of the county official issuing the warning notice; and

(h) The date of the warning notice.

(3) The director retains the authority to issue a citation for a violation of this chapter irrespective of previous issuance of a warning notice.

(Added by Ord. 08-091, July 30, 2008, Eff date Aug. 21, 2008)

7.53.190 Enforcement -- Civil penalties and costs.

Whenever a condition is found to be in violation of this chapter or standards required hereunder, the director may impose a monetary penalty upon the person(s) causing or allowing the violation in an amount not less than $100.00 but not more than $1,000.00 per day, for each violation. The director shall develop written policies governing the imposition or suspension of penalties under this section which shall be forwarded to the county council for approval by written motion. In addition to any other penalty or method of enforcement authorized by this chapter, upon the request of the director, the prosecuting attorney may bring a civil action in superior court to

enforce this chapter. In addition to any penalties imposed under this section, the person cited shall be liable for all costs, including costs of mitigating or remediating any damage caused by the unlawful discharge and the costs of suit and reasonable attorney's fees incurred by the county in enforcing this chapter.

(Added Ord. 01-035, May 23, 2001, Eff date June 2, 2001; Amended Ord. 07-030, May 2, 2007, Eff date May 17, 2007; Amended by Ord. 08-091, July 30, 2008, Eff date Aug. 21, 2008).

7.53.200 Enforcement -- Criminal penalty.

As an alternative to any other legal or equitable remedy provided in this chapter or other law, any person who willfully or knowingly violates any provision of this chapter or any order issued pursuant to this chapter, or by each act of commission or omission procures, aids or abets such violation, shall be guilty of a misdemeanor and upon conviction shall be punished in the manner provided for in RCW 9A.20.021, as it now exists or is hereafter amended, for violations of state law. Each day such violation continues shall be considered an additional misdemeanor offense.

(Added Ord. 01-035, May 23, 2001, Eff date June 2, 2001; Amended Ord. 07-030, May 2, 2007, Eff date May 17, 2007).

7.53.210 Joint and several liability.

Each person causing or allowing a violation of this chapter shall be jointly and severally liable to the county for the violation and any penalties, costs and fees imposed as a result of the violation.

(Added Ord. 01-035, May 23, 2001, Eff date June 2, 2001; Amended Ord. 07-030, May 2, 2007, Eff date May 17, 2007).

7.53.220 Voluntary compliance agreements.

(1) Whenever the director finds that it is in the county's best interests to enter into a contract with a person cited under this chapter for the purpose of ordering corrective action or the performance of mitigation or remediation work to the site impacted or damaged by a violation of this chapter, the director may recommend to the county executive that a voluntary compliance agreement be executed with such person. By entering into such an agreement, the person cited waives any right to appeal a citation issued under this chapter.

(2) The voluntary compliance agreement shall specify the work or actions to be taken and the deadline by which the same shall be accomplished. By entering into such an agreement, the person cited consents to the entry of the county onto their property for purposes of inspection of the required work provided that the county shall endeavor to notify the person cited before the inspection.

(3) The director may suspend penalties under a voluntary compliance agreement contingent upon the satisfactory completion of all work required thereunder. However, the agreement shall

provide that if the responsible party fails to comply with the terms of the agreement, any penalties suspended during the term of the agreement may be tripled and imposed upon the person cited, beginning from the date of the violation. Upon successful completion of all requirements set forth in the agreement, the department shall issue written confirmation of such completion to the responsible party.

(Added Ord. 01-035, May 23, 2001, Eff date June 2, 2001; Amended Ord. 07-030, May 2, 2007, Eff date May 17, 2007; Amended by Ord. 08-091, July 30, 2008, Eff date Aug. 21, 2008).

7.53.230 Appeal.

Any person receiving a citation issued under this chapter may appeal such citation to the Snohomish County Superior Court. Appeals must be filed and served upon the county within 20 calendar days after issuance and service of the citation. The filing of an appeal shall not stay the effect of any order issued pursuant to SCC 7.53.180, provided that, subsequent to the filing of an appeal, the court may enter a stay in its discretion. The appeal shall be heard by the court sitting without a jury. At the hearing on the appeal, the county shall have the burden of proof which shall be met by a preponderance of the evidence.

(Added Ord. 01-035, May 23, 2001, Eff date June 2, 2001; Amended Ord. 07-030, May 2, 2007, Eff date May 17, 2007).

7.53.240 No county liability.

Administration or enforcement of this chapter shall not be construed to impose or create a basis for any liability on the part of the county, its appointed or elected officials, officers, agents, or employees, nor shall this chapter be construed to create any special relationship with or otherwise protect any specific person or class of persons.

(Added Ord. 01-035, May 23, 2001, Eff date June 2, 2001; Amended Ord. 07-030, May 2, 2007, Eff date May 17, 2007).

7.53.250 Immunity from suit.

(1) Any county appointed or elected officials, officers, agents or employees charged with the administration or enforcement of this chapter acting in good faith and without malice on behalf of the county, shall not be personally liable for any damage that may accrue to persons or property as a result of any act required by the county, or by any reason of any act or omission in the discharge of those duties.

(2) Any suit brought against county appointed or elected officials, officers, agents or employees because of an act or omission performed in the administration or enforcement of any provision of this chapter shall be defended by the county subject to the provisions of SCC 2.90.085.

(Added Ord. 01-035, May 23, 2001, Eff date June 2, 2001; Amended Ord. 07-030, May 2, 2007, Eff date May 17, 2007).

7.53.260 Compliance with other laws.

Compliance with this chapter does not constitute a waiver of the requirements of any other applicable federal, state or local laws and regulations.

(Added Ord. 01-035, May 23, 2001, Eff date June 2, 2001; Amended Ord. 07-030, May 2, 2007, Eff date May 17, 2007).

7.53.600 Sunset.

This chapter is repealed effective on the date six years following re-enactment (May 7, 2013) unless re-enacted prior to that date, as provided in Snohomish County Charter section 2.115.

(Added Ord. 01-035, May 23, 2001, Eff date June 2, 2001; Amended Ord. 07-030, May 2, 2007, Eff date May 17, 2007).

Exhibit 5
Example of Business Inspection Follow-Up Letter dated September 26, 2012

CAD
10/23/12

Snohomish County
Public Works

Aaron Reardon
County Executive

3000 Rockefeller Ave., M/S 607
Everett, WA 98201 – 4046

(425) 388-3464
FAX (425) 388-6455

Wednesday, September 26, 2012

Primus International - Accra Division
17703 15TH AVE SE
BOTHELL WA 98012-6470

Subject: Business inspection of Primus International - Accra Division

Dear Business Owner/Manager:

Thank you for your cooperation during our National Pollution Discharge Elimination System (NPDES) source control inspection conducted on **August 30, 2012**. Snohomish County is required to inspect businesses under a federal law entitled the *Clean Water Act* to alleviate conditions that can contribute to increased stormwater pollution. The Washington Department of Ecology is administering the *Clean Water Act* requirements locally by issuing Snohomish County a Municipal Stormwater Permit. As a result of this permit, the Snohomish County *Water Pollution Control Code (SCC 7.53),* and *Drainage Code (SCC 30.63A),* require that businesses implement Best Management Practices (BMPs) to reduce the amount of pollution discharged to Snohomish County stormwater drainage systems. The *Snohomish County Drainage Manual (Volume IV)* details required BMPs.

We are available to provide technical assistance to businesses to achieve compliance; however, it is up to you to implement the necessary BMPs to comply with Snohomish County Code.

SWM staff will conduct a follow-up inspection during the **week of Monday, October 22, 2012** to ensure that the BMPs attached with this letter are addressed.

To view Snohomish County Drainage Manual Volume IV and other program related information and material:

- Go to www.snoco.org then type keywords – Business Inspection Program

Thank you for your prompt attention to this matter. If you have any questions or concerns regarding the inspection or identified corrections, please contact me at **425.388.3464 ex. 4601 or steve.dellino@snoco.org.**

Sincerely,

_____

Steve Dellino, Planner
Business Inspection Program
Snohomish County, Surface Water Management

Enclosures:

Snohomish County
PUBLIC WORKS
SURFACE WATER MANAGEMENT
(425) 388-3464

October 23, 2012

Observed BMP Deficiencies:

2.2 Spill Response and Reporting

Spill plan should contain elements identified in BMP 3.25 of the Snohomish County Drainage Manual Volume IV. Spill plan must be specifically developed for the site and posted in main office and near potential spill locations.

If you have not completed it already, obtain a written spill response plan and make a copy to be posted with each area of spill kit materials.

2.3 Storage Area-Pollution Prevention

Businesses storing liquids shall use secondary containment, such as spill palettes or berms such that a volume of either 10 percent of the total enclosed container volume or 110 percent of the volume contained in the largest container, whichever is greater, or, if a single container, 110 percent of the volume of that container.

Many of the stored liquids in the warhouse are in seal tight containers and have secondary containment.

Liquid storage that has the potential for spilling and getting outside should have protection from the weather, if possible. In addition, these liquids should be in seal tight containers and have secondary containment.

A plastic barrel of approx. 35 to 55-gallons was identified on the south wall of the warehouse and should have secondary containment. The stored liquids within the fenced exterior enclosure should have secondary containment.

Other discussions were made in the field to protect against spills getting outside the building. Talk to me about any ideas the business has on this.

3.16 Drainage System-Maintenance

Inspect and maintain treatment BMPs, conveyance systems, and catch basins as needed.

Regularly remove debris and sludge from BMPs used for peak rate control, treatment, etc. and discharge to sanitary sewer if approved by local sanitary authority.

Clean catch basins when the depth of deposits reaches 60 percent of the sump depth as measured from the bottom of basin to the bottom of lowest pipe.

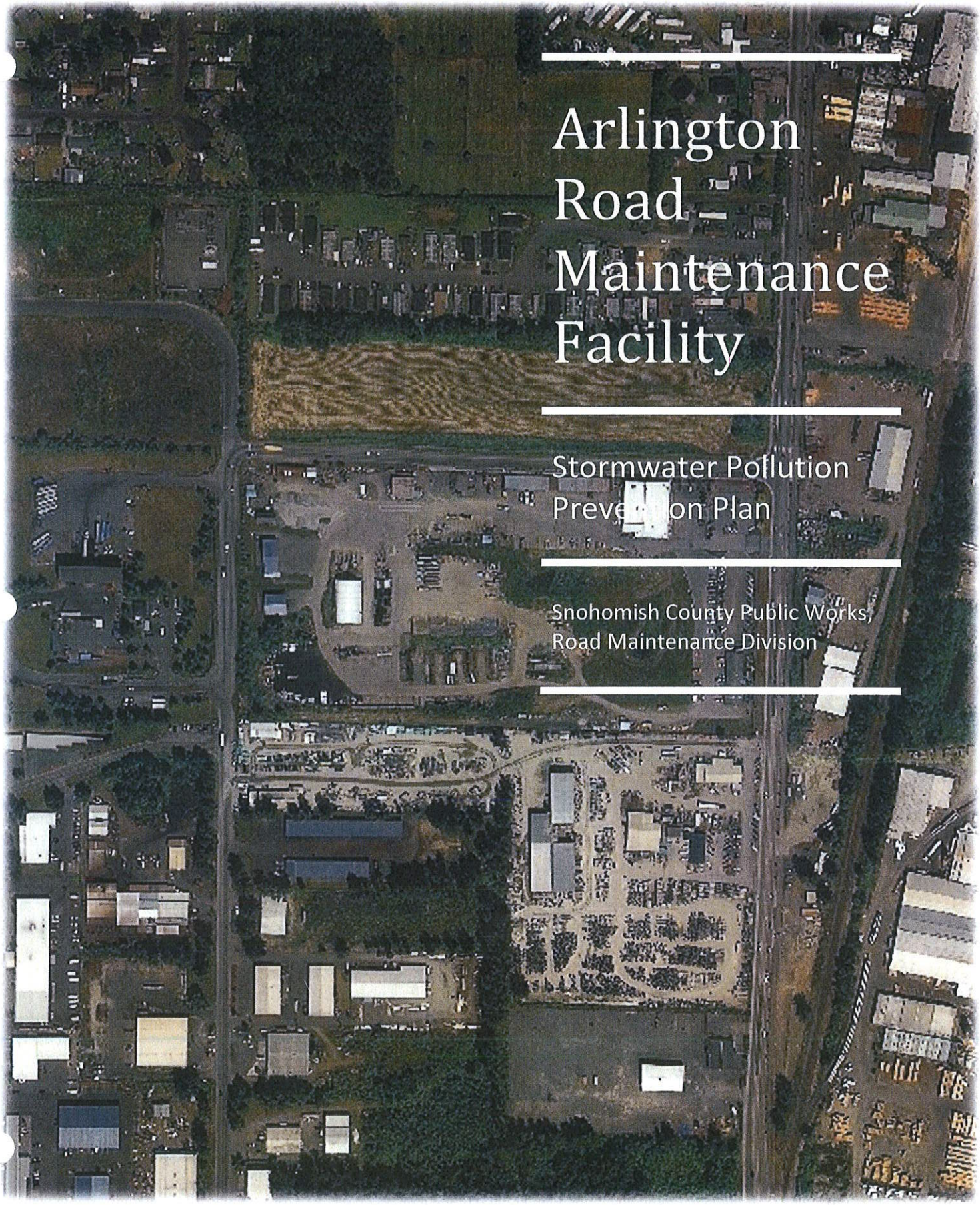
At the time of the inspection, the timing of the last storm drain catch basin was unknown. It was observed that at least one storm catch basin had an oily-looking sheen in the catch basin. Maintenance of the catch basins, as needed for compliance is highly recommended prior to heavy rains usually occurring in mid-October.

Once the cleaning is completed, inspect and maintain, as needed, to maintain compliance.

Thank you for all your business is doing to help reduce the risk of pollution to our storm system.

Please understand that you are responsible for compliance with all code and permit requirements that may be applicable to complete the corrective action(s) set forth above. If you have questions about permit requirements, please call Snohomish County Planning and Development Services at 425-388-3311.

Exhibit 7
Arlington Operations Center Stormwater Pollution Prevention Plan (SWPPP)



Arlington Road Maintenance Facility

Stormwater Pollution Prevention Plan

Snohomish County Public Works,
Road Maintenance Division

Final Report

ARLINGTON FACILITY STORMWATER POLLUTION PREVENTION PLAN (SWPPP)

Snohomish County Public Works
Road Maintenance Division

March 2009

ARLINGTON FACILITY STORMWATER POLLUTION PREVENTION PLAN (SWPPP)

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Overview

The Federal Water Pollution Control Act (known as the Clean Water Act or CWA) provide the statutory basis for the National Pollutant Discharge Elimination System (NPDES) permit program and the basic structure for regulating the discharge of pollutants from point sources to waters of the United States. The NPDES and State Waste Discharge General Permits cover discharges from municipal separate storm sewers.

Section 402 of the Clean Water Act specifically required Environmental Protection Agency (EPA) to develop and implement the NPDES program. Under federal and state water quality law (federal Clean Water Act and state Water Pollution Control Act), the discharge of wastewater, including stormwater, requires a permit. The Code of Federal Regulations (CFR) Title 40, Part 122.1 (b) (40 CFR 122.1(b)) requires permits for the discharge of pollutants from any point source into waters of the Untied States. 40 CFR 122.26(b)(14) (i) –(xi) identifies the industries required to apply for coverage under the Industrial Stormwater General Permit.

Washington State Department of Ecology, Water Quality Program, is ordered by the Environmental Protection Agency as the state water pollution control agency, responsible for implementing all federal and state water pollution control laws and regulations.

This site is required to have Industrial Stormwater General Permit coverage, and the SWPPP is a requirement of the permit. This SWPPP describes this facility and its operations, identifies potential sources of stormwater pollution at the location, recommends appropriate best management practices (BMPs) or pollution control measures to reduce the discharge of pollutants in storm water runoff, and provides for periodic review of this SWPPP.

Objectives

The primary goal of the storm water permit program is to improve the quality of surface waters by reducing the amount of pollutants potentially contained in the storm water runoff. The objectives of this SWPPP are:

1. To implement and maintain Best Management Practices (BMP's) that identify sources of storm water and non-storm water contamination to the storm water drainage system;
2. To identify and prescribe "storm water treatment" type best management practices to reduce pollutants in contaminated storm water prior to discharge;
3. To prevent violation of surface water quality, groundwater quality, and sediment management standards;
4. To eliminate the discharge of un-permitted process wastewater, domestic wastewater, non-contact cooling water, and other illicit discharge to stormwater drainage systems.
5. To implement a schedule so as to ensure that the storm water management actions prescribed in the Storm Water Pollution Prevention Plan are carried out and evaluated on a regular basis.

Administrative Requirements

Required Signatures

SWPPP inspection and certification forms must be signed by a duly authorized representative of the facility. Modifications to this SWPPP are to be issued under the signature of the Responsible Official.

Retention and Availability

This SWPPP shall be kept on-site or within reasonable access to the site. It shall be made available to the Department of Ecology upon request, but is not submitted to Department of Ecology.

Plan Modification Requirements

Should the Department of Ecology notify the Road Maintenance Division that the SWPPP does not meet one or more of the minimum requirements of Ecology's Permit, a plan for modification shall be submitted to Department of Ecology within 30 days of the notice.

The SWPPP shall be modified accordingly whenever there is a change in design, construction, operation, or maintenance which causes the SWPPP to be less effective in controlling pollutants. Modifications do not need to be submitted to Department of Ecology.

Non-Compliance Notification

If Snohomish County is unable to comply with any of the term and conditions of the NPDES Industrial General Permit that could result in the discharge of pollutants in a significant amount, Snohomish County shall:

1. Immediately take action to minimize potential contamination or otherwise stop the noncompliance and correct the problem;
2. Immediately notify the appropriate Northwest Region Department of Ecology office of the failure to comply; and
3. Submit a detailed written report to Ecology within thirty (30) days unless the Department of Ecology requests an earlier submission. The report shall contain:
4. A description of the nature and cause of non-compliance, including the quantity and quality of any unauthorized waste discharges;
5. The period of non-compliance, including exact dates and times and/or the anticipated time when compliance will be achieved; and
6. The steps taken, or to be taken, to reduce, eliminate, and prevent recurrence of the non-compliance.

In the case of any discharge which could constitute a threat to human health, welfare, or the environment, the Northwest Region Ecology office shall be notified within 24 hours from the time the Team Leader becomes aware of the circumstances. Request an incident number for tracking purposes. If this information is provided orally, a written submission covering these points shall be provided within five (5) days after knowledge of the circumstances, unless Ecology waives or extends this requirement on a case-by-case basis.

Washington State Department of Ecology Contact Information

DOE		Contact
DOE Spill Response Team	Spills to the environment greater than 5 gallons	425-649-7000
Snohomish County	Northwest Region Ecology Office	425-649-7046
Rachel McCrea	For Municipal Stormwater permit questions for Snohomish County	425-649-7223
Cynthia Walcker-Senior Water Quality Inspector	Sand & Gravel Permit	452-649-7276

Maintenance of Records

All records will be kept with the SWPPP. Blank forms are provided in Appendix B. Completed forms are to be dated and kept in reverse chronological order in Appendix C. Changes in the SWPPP also needs to be tracked.

Number	Title	Usage
Worksheet 1	Material Inventory	List material handled, treated, stored, or disposed of at the site that may potentially be exposed to precipitation or runoff. Also indicate if any spills or leaks of pollutants have occurred.
Worksheet 1A	Description of Exposed Material	Based on Worksheet #1, list significant materials that have exposed since November 18, 1989.
Worksheet 2	List of Significant Spills and Leaks	List all spills and leaks as indicated on Worksheet #1.
Worksheet 3	Record of Visual Inspections of Stormwater Discharges	List observed pollutants in all discharges.
Worksheet 3A	Record of Visual Inspections	Records inspection of Roads Maintenance Division (RMD) location elements.
Worksheet 4	Non-Stormwater Assessment and Certification	Records the presence of un-permitted non-stormwater discharges.
Worksheet 5	BMP Implementation	Implementation plan to add new or revise existing BMPs resulting in a modification to the SWPPP.
Worksheet 6	Employee Training	Record the annual training of employees

Storm Water Pollution Prevention Team

The stormwater pollution prevention team is responsible for developing, implementing, maintaining, and revising this SWPPP. The members of the team are familiar with the management and operations of this site.

The following Snohomish County Staff are involved in implementing the Stormwater Pollution Prevention Plan. Each of these members is authorized to sign discharge certification forms, and they may delegate the monitoring tasks to any individual who has been properly trained as per the Employee Training Program.

Responsible Official:
Roy Scalf, Director,
Road Maintenance Division

Team Leader
Ted Parker, Senior Environmental Coordinator 425-388-7524

- Direct, coordinate, and ensure that BMP's are implemented.
- Schedule semi-annual compliance evaluations.
- Review and revise SWPPP when needed.
- Request construction of new or major modifications of existing BMP's if needed.

Site Managers/Coordinators

Cindy Higdon, Supervisor	425-388-7511
Stephen Terra, Equip. Maint. Supervisor	425-388-7561
Jack Lemke, Bridge Lead Worker	425-388-7135
Duane Myers, Paving Lead	425-388-7128
Bob Westlake, Lead Worker	425-388-7129
Travis Davies, Storekeeper, MSDS manual	425-388-7132

- Coordinate and implement Operational and Source Control BMP's for the applicable areas for their division within the Snohomish County Road Maintenance Division.
- Participate in compliance evaluations.
- Report problems, needed maintenance, or degradation of BMP's to Team Leader.
- Participate in compliance evaluations.
- Provide advice and technical support for SWPPP revisions, maintenance of existing, and design of new BMP's.
- Coordinate stormwater sampling activities.
- Provide advice and technical support for sampling activities.

The Arlington Road Maintenance Yard is located at the site of a former sand and gravel pit located immediately south of 197th Street NE between 63rd Avenue and 67th Avenue NE in Arlington Washington.

A modular office building is located near 67th Avenue NE and a maintenance facility is located in the northeastern portion of the property, and the northwestern and western portions of the site are used for general storage of road construction and maintenance equipment and supplies.

Historically stormwater runoff for the developed portions of the site was routed to portions of the old mine pit which had not been backfilled at that time. One of those areas was chosen to be a location for an infiltration pond. In 2001 this infiltration pond was constructed and is currently being used as discharge runoff conveyed from the parking lots and modular office building as well as the eastern portion of the road Maintenance Yard. During the permitting process with the City of Arlington for the construction of the modular office buildings and parking lot it resulted in the requirement to build the infiltration pond following the Washington State of Ecology, Stormwater Management Manual for the Puget Sound Basin (Ecology, 1992) for pond design criteria.

Within the site boundaries there are facility elements managed by the Road Maintenance Division which include:

Road Maintenance (RMD)

- Road Maintenance Facility
- Road Maintenance Facility parking area
- Road Maintenance Sand Shed
- Vactor Truck Grit Facility
- Vactor Truck Solids Storage and Dying Area
- Material Storage Yard

Fleet Management Division (FMD)

- Fleet Management Facility

Drainage Basins and Natural Drainage Paths

On this site there are two major drainage sub-basins (1 and 2) were delineated by R.W. Beck in 2000.

Sub-basin 1: is located in the center of the site just west of the Road Maintenance Facility building and parking area. The sub-basin receives runoff from the Road Maintenance Facility from catch basins along the parking area, Road Maintenance Facility building, and Fleet Management Facility.

Sub-basin 2: is located in the center of the site just south of the Fleet Management Facility building and Material Storage Yard. The sub-basin receives runoff from the Road Maintenance Facility from catch basins near the Road Maintenance Sand Shed, and Fleet Management Facility.

These sub-basins all discharge into an infiltration pond at the center of the site and were delineated according to topography and the location of the proposed storm water facilities.

Potential Pollutant Material

The following have been identified as potential sources of stormwater contamination:

- areas of significant soil erosion;
- vactor truck decant grit;
- suspended solids from erosion of soil or roads;
- equipment maintenance fluids;
- truck washwater,
- materials such as paint (for striping, road surfaces) and deicer (snow & ice);
- vehicle maintenance and cleaning areas;
- storage and maintenance areas for material handling equipment;
- residual treatment, storage, and disposal sites;
- disposal or application of wastewater; and
- any other areas capable of contaminating storm water runoff

Potential Pollutant Activities

Activities that could contribute to pollution of stormwater include:

- vehicle traffic onto and off of the site;
- construction projects on the site;
- vehicle and equipment washing;
- vehicle and equipment maintenance;
- vehicle and equipment fueling;
- material storage; and
- vehicle and equipment storage;

Reference

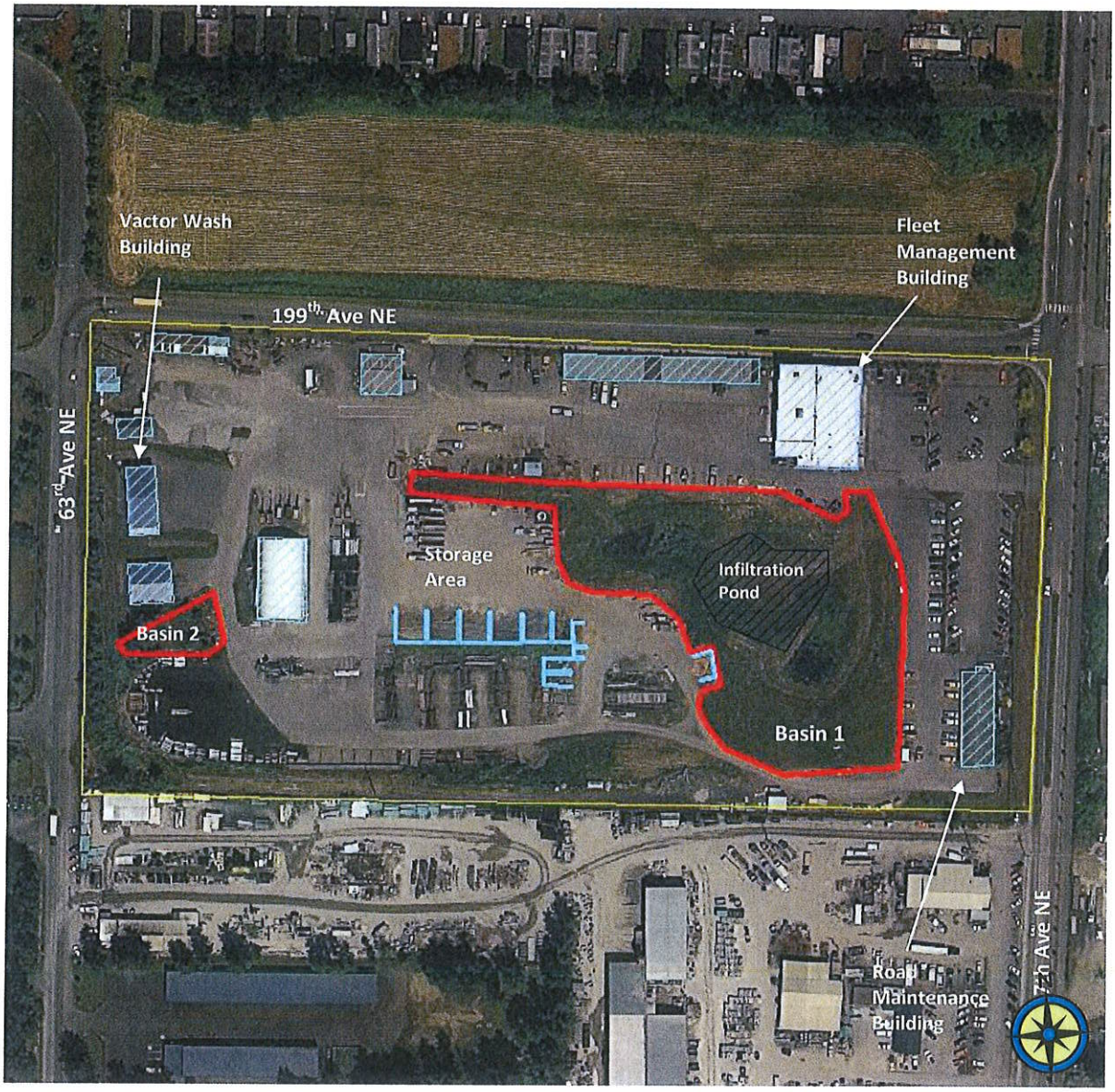
The following plan(s) is/are incorporated into the SWPPP by reference:

- Preparedness, Prevention and Contingency Plan (40 Code of Federal Regulations [CFR] 264 and 256),
- Spill Control and Countermeasures Requirement (40 CFR 112),
- National Pollutant Discharge Elimination System (NPDES)
- Toxic Organic Management Plan (40 CFR 413, 433, 469) and Occupational Safety and Health Administration (OSHA) Emergency Action Plan (29 CFR 1910),
- Arlington Road Maintenance Facility Stormwater System Design Final; R.W. Beck; January 2000, Snohomish County Department of Public Works.

Arlington Facility Vicinity Map

PROPERTY LINE

STREAM

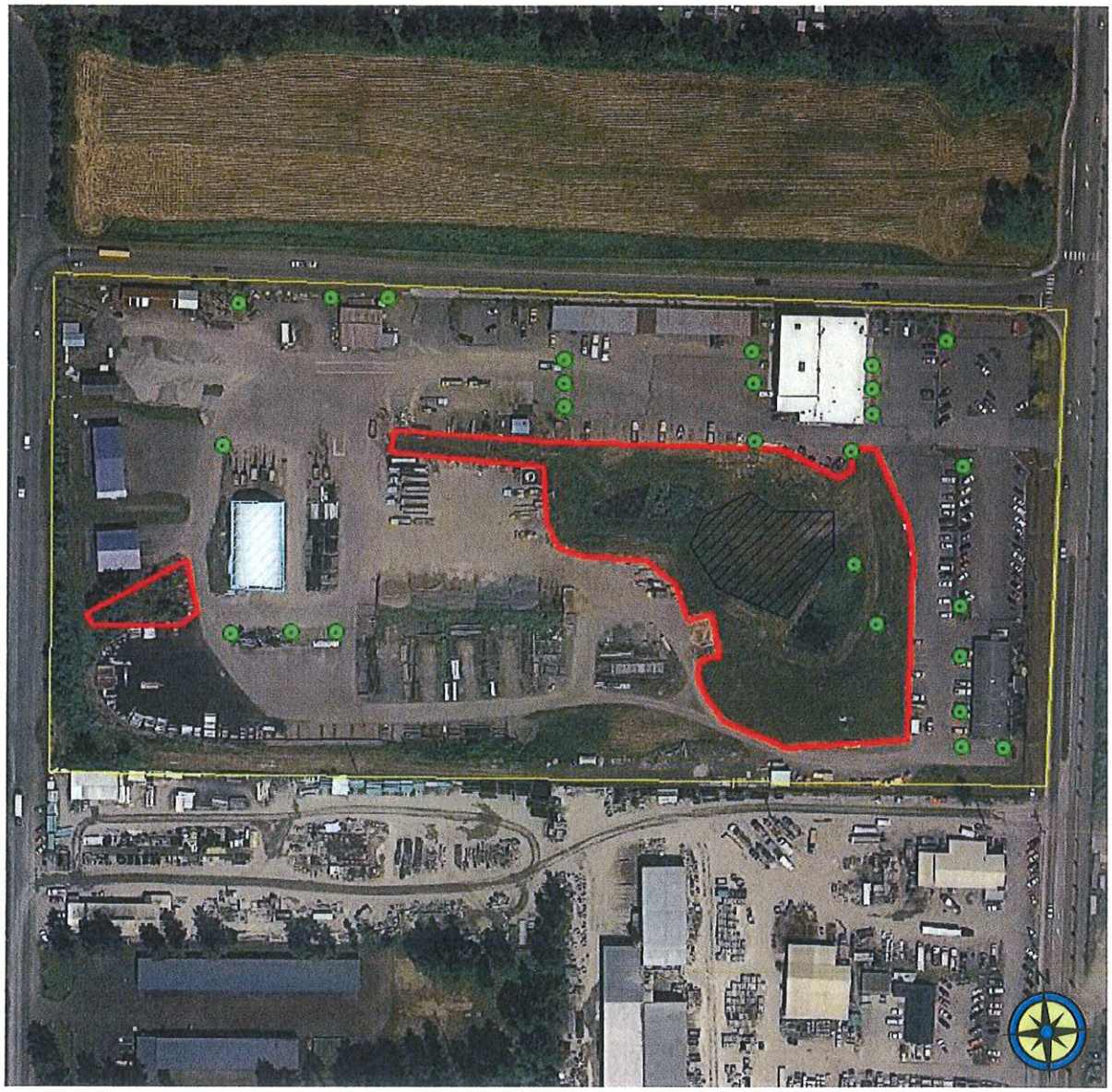


Arlington Facility Basins Map

PROPERTY LINE

BASIN BOUNDARY

STRUCTURE



Arlington Facility Catch Basin Map

PROPERTY LINE

BASIN BOUNDARY

CATCH BASIN

Road Maintenance Facility/Fleet Management Facility

The Road Maintenance and Fleet Management Facilities is a large building used for repair of equipment, various maintenance tasks, and storage of materials.

Materials used and stored at the Road Maintenance and Fleet Management Facilities include motor oil, paint, and degreasing solvent in relatively small quantities. Materials in the facility are not exposed to stormwater and would only be a problem were they to spill, flow or be tracked onto drainage areas outside the building; this is prevented by adherence to the Spill Response and Emergency Cleanup Plan.

All maintenance activity occurs within the covered garage. The garage entrances include shallow trench drains that would intercepts any water/drips/spills occurring within the garage. The trench drains are connected to the stormwater system and drains into the retention/detention infiltration pond, located south of the building.

Activity	Potential Pollutant Source	BMP
Vehicle Storage	Sediment	Wash all trucks and equipment Sweep monthly to remove sediment build up, or as needed (snow & ice).
Vehicle Maintenance	Spills and leaks of fuel and other liquids	Inspect for leaks all incoming vehicles, parts and equipment stored temporarily outside, vehicle walk around. Use drip pans or containers under parts or vehicles that drip or that is likely to drip liquids, such as during dismantling of liquid containing parts or removal or transfer of liquids. Empty oil and fuel filters before disposal. Provide for proper disposal of waste oil and fuel. Do not pour wash water, liquid waste or other pollutants into storm drains or to surface water. Do not wash down work areas to storm drain. Do not connect maintenance and repair shop floor drains to storm drains. Consider storing damaged vehicles inside a building or other covered containment until all liquids are removed. Conduct all maintenance and repair of vehicles and equipment in a building or other covered impervious containment area that is sloped to prevent run-on of

uncontaminated stormwater and runoff of contaminated stormwater.

Road Maintenance Facility Parking Area

A large parking lot surrounds the Road Maintenance facility. The lot is used for county vehicles and equipment. On the north side of the lot, runoff enters catch basins running from west to east. Runoff from the south side of the parking area flows into a ditch running east along the south side of the property. All runoff from the Road Maintenance facility runs into two detention/infiltration facilities east and west facilities by the ditch, bioswales or the catch basins.

Potential sources of pollution include dirty or leaking equipment. Any dirty equipment entering the Arlington Site is first directed to the wash facility. Some equipment or vehicles stored in the Road Maintenance facility may be awaiting repair; if leaks are observed, drip pads or pans will be used.

Activity	Potential Pollutant Source	BMP
Vehicle Storage	Sediment	Wash all trucks and equipment. Sweep weekly to remove sediment build up.

Road Maintenance Sand Shed

This facility is covered so that street sweeping materials stored within are not subject to erosion or run-on. The area is paved with sloped runoff to either the sanitary sewer or, for storm runoff, to a catch basin west which flows to the west detention/infiltration facility to the southwest corner.

Activity	Potential Pollutant Source	BMP
Sand Storage	Sediment	Ensure that materials are not tracked out of building, and swept up if so.

Material Storage Yard

The Material Storage Yard is located on west side and southeast of the main detention/retention facility. The Material Storage Yard is used for temporary storage of soils, sand, rock and other road materials. Runoff from the area flows down to the detention/retention facility and infiltrates/accumulates into the ground, or is vactored and disposed to the proper facility, through catch basins and pipes. There is a possibility for this area to contribute fine sediment particles to the North Desiltation Pond.

Activity	Potential Pollutant Source	BMP
Material Storage	Sediment	Limit the exposure of erodible soil, stabilize or cover erodible soil where necessary to prevent erosion. Consider bio-filter, sedimentation basin gravel filter berm and proper grading.

Vactor Truck Grit Facility

Vactor solids, which are dumped in the Decant Facility siltation basin, have little chance of mingling with stormwater, because the Decant Facility drains to the sanitary sewer and has a roof structure. The only concern would be drippings from trucks entering and exiting the facilities.

Activity	Potential Pollutant Source	BMP
Vactor Truck Grit Decant	Sediment	Truck drippings need to be hosed or swept back into the facility when necessary

Vactor Truck Solids Storage and Dying Area

Vactor solids and siltation basin solids are stored to allow final drainage and drying next to the siltation basin within concrete perimeter walls. Drainage is sloped so that leachate and runoff returns to the main basin, which is connected to the sanitary sewer.

The only concern would be drippings from the front end loader moving material from the basin proper to the storage and drying area and loading the grit material into trucks for disposal or recycling

Activity	Potential Pollutant Source	BMP
Solids dewatering	Sediment	Truck drippings need to be hosed or swept back into the facility when necessary

Fleet Management Covered Storage

The Fleet Management Facility is used for storage of materials including but not limited to spray paints and cleaning products.

Activity	Potential Pollutant Sources	BMP
Materials storage	Spills and leaks of liquids	Inspect for leaks from product containers Use drip pans under containers that drip or are likely to drip liquids, such as during disassembly of liquid containing parts or removal or transfer of liquids. Do not pour washwater, liquid waste or other pollutants into storm drains or surface water. Do not wash down work areas to storm drain. Do not connect materials storage area to storm drains.

Good Housekeeping

Good housekeeping practices are important for reducing or eliminating pollutants in stormwater runoff. Good housekeeping involves maintaining a clean and orderly work environment. Extra attention to surfaces draining to storm sewers or ditches can significantly reduce pollutant wash off. An orderly work environment will reduce the chance for inadvertent spills, allows detection of problems, maintains easy access to the site, and will be favorable to neighbors and regulatory personnel.

The following practices are currently in place and shall be followed:

- Site Supervisor shall keep a running inventory of all chemical substances and Material Safety Data Sheet (MSDS) in a fixed location.
- All material with pollutant potential (e.g. paint, oil, fuel, & solvents) should be kept in an orderly storage or work area. Containers should be well sealed, clean and labeled with the substance name, date, and hazards.
- Promptly and properly dispose of all empty containers from cleaners, oil, or chemicals.
- Ensure an adequate supply of absorbent is available for cleanups.
- Use absorbent for any minor oil spills or leakage on paved areas. When the liquid has been absorbed, sweep up and dispose of it. This should minimize oil from being tracked away into exterior areas where rainwater will wash it into drainage features. Never sweep or dump it off the pavement edge, as this will simply allow the oil to enter storm water.
- Use drip pans or pads when working on equipment or with equipment fluids and cleaners.
- Watch for leaks from containers or equipment, contain leaks, and then repair or replace item promptly; clean up as detailed in the Spill Prevention and Emergency Cleanup Plan.
- Pick up and properly dispose of any trash or debris if present.
- Sweep up and dispose of dirt and litter from driveways and other paved outdoor surfaces, rather than hosing dirt into storm drains.
- Keep all wash water within the curbed area serviced by sanitary sewer.
- On surfaces exposed to rainfall, use drip pans or pads when working on equipment or with equipment fluids and cleaners.
- For any minor oil spills or leakage on paved areas, use absorbent. When the liquid has been absorbed, sweep up and dispose of it. This should minimize oil from being tracked away into exterior areas where rainwater will wash it into drainage features. NEVER sweep or dump it off the pavement edge, as this will simply allow the oil to enter storm water.
- Have storm catch basins cleaned by the County vactor truck at least quarterly. Have the oil / water separator cleaned at least quarterly and after major storms to remove heavy sediment loading.
- Stabilize soils on roadways.
- Keep all wash water within the curbed area serviced by sanitary sewer.
- Pick up and properly dispose of any trash or debris, if present.
- Mow grassed and ditch areas.
- Watch for leaks from containers or equipment, contain leaks, and then repair or replace item promptly.
- Watch for leaks or spills from vehicles and clean them up as detailed in the Spill Prevention and Emergency Cleanup Plan.
- Sweep up and dispose of dirt and litter from driveways and other paved outdoor surfaces, rather than hosing dirt into storm drains.
- Training:

New employees shall be briefed on this Plan as part of their job orientation. The storm drainage system, spill prevention practices and spill cleanup procedures are to be reviewed in detail. Consistent marking of catch basins for storm or sewer will help new employees learn the drainage system.

All site employees are to be given a refresher briefing on the Plan annually, stressing the importance of spill prevention, good housekeeping and emergency spill cleanup procedures.

Road Maintenance supervisors, lead workers, and operator are provided training through the Regional Road Maintenance ESA program, classes are held by the University of Washington Professional education program and are required for the Department of Ecology, Certified Erosion and Sediment Control Lead (CESL) certification for erosion control. Part of that training includes a module on BMPs for spill prevention and clean-up.

Preventive Maintenance

Certain routine maintenance procedures should be performed on a regular schedule such as leachate handling, catch basin vactoring, and turf maintenance. Non-routine maintenance efforts are performed as needed based upon the judgment of the Pollution Prevention Team and observations made during inspections. Contact the Site Manager to coordinate non-routine preventive maintenance actions.

Pond Sediment Removal

Disruption of pond facilities sediment should be avoided except when sediment removal is required. If excavation becomes necessary, the least disruptive means available should be used. Generally, sediment removal is required if:

- Wet pond average sediment depth exceeds 12-inches.
- Wet pond maximum sediment depth exceeds 24-inches.
- Dry pond average sediment depth in forebay exceeds 4-inches.
- Dry pond maximum sediment depth exceeds 12-inches.
- Sediments shall be removed by shoveling or dredging.

Facility Repair

Any and all ditches, berms, curbs, rock-work, catch-basins, control structures, and other structures which are found to be broken or functioning poorly during inspections, shall be repaired or replaced as soon as feasible.

Nuisance Vegetation Control

Vegetation that interferes with the maintenance of BMPs or the operational performance of BMPs should be removed by the least disruptive mechanical means available. Herbicides should not be used. Mowing or cutting is preferred over excavation which disrupts sediments and soil stability.

Erosion Control

Minimization of sediment laden stormwater discharge is primarily achieved by maintenance of vegetative cover on those areas that are not paved, combined with routine removal of solids from accumulation zones in the stormwater system. Recognize that erosion primarily occurs in sensitive areas, steep slopes, barren earth, high flow areas, and is a special problem during construction activities. The best controls are those that prevent erosion, such as good vegetative cover, because sedimentation facilities, including ponds, hay bales and the like, are only partially successful. This site is well vegetated so that erosion is not expected to be significant except at excavation areas, stockpiles, gravel roadways, turnaround areas, and in ditches. Although some fine sediment may be winnowed from roads by rain splash, the quantity produced will be minor. Ditches may suffer some erosion during high flows, but periodic reinforcement of erosion susceptible areas will maintain ditch stability. Areas undergoing excavation or construction will be most susceptible to mobilization of sediment.

Preventive Actions

Item	Frequency	Action
Maintenance of source control BMP's (next section)	As needed	Inspect/evaluate & repair as required
Training (spill response, housekeeping, material management)	Annually	Crews are trained through RRMESA/with additional training
Direct runoff away from pollutant source areas	As needed	Application of BMPs and DNR reclamation plan
Replenish spill kits in each vehicle	Monthly	Inspect and Replace any materials/via Spill Plan
Remove accumulated sediment /sediment/settlement ponds	Depth exceeds 1 ft (0.5 m) trigger	Remove accumulated sediments/dispose of at proper facilities
Repair & Maint. of silt fences & other sediment control	As needed	Inspection/evaluate and BMP maintenance and repair

One of the most effective spill prevention measures is the performance of routine visual inspections to detect potential spill situations. Items to be monitored are as followed:

Materials Storage Area – Check for any inadvertent spillage that may have occurred around the material storage area. If hazardous waste material is being stored and needs to be removed, notify the Moderate Risk Waste (MRW) staff at (425) 388-6050.

Employee Training Program – New employees shall be briefed on this Plan as part of their job orientation. The storm drainage system, spill prevention practices and spill cleanup procedures are to be reviewed in detail. Supervisors, lead workers, and operator are provided training through the Regional Road Maintenance ESA program; classes are held by the University of Washington Professional education program and are required for the Department of Ecology, CERC certification for erosion control. Part of that training includes a module on BMPs for spill prevention and clean-up.

Spill Response Plan

Remember the ***Personal safety is the highest priority.*** In the event of a major or significant spill, the following actions should be taken:

1. **Notify lead-worker or supervisor.**

2. **Determine the danger or risk to personnel.**

You need to "Determine the danger or risk to personnel". In the event of a known substance staff should generally know the materials that are being used, primary dangers include ignition if the material is flammable, caustic if material is a base (ph > 7.0) or acidic (ph < 7.0), chemical reactive materials or inflammatory fumes. Know what material you are working with and the risks (MSDS sheets). If you smell an unknown scent coming from the spill area, you should consider there is a need to evacuate the area to protect staff. Move upwind of spill.

3. **Call for assistance.**

When assistance is needed, call the appropriate personal for assistance. The lead-worker or supervisor may be required to make a quick assessment of the severity, nature and "potential risks" of a spill so that the appropriate notifications can be made. The team leader needs to be contacted (**Ted Parker 425-388-7524**). If the spill presents a health, fire or safety hazard contact the local Fire Department.

4. **Isolate/confine the spill**

The materials in the vehicle Spill Kit include BMPs that form berms around the catch basin or absorbent materials that can be spread and soak up the spill (hydraulic, diesel and motor oils, anti-freeze, solvents and paints) can be controlled with these materials and techniques. To prevent spilled materials from entering catch basins spill containment BMPs such as absorbent socks, oil boom rolls, tarps (over top catch basin), berms, etc. can be used. The application of these materials requires the use of rubber gloves, boots, splash shield and safety glasses as well as any other appropriate personal safety gear should be used to prevent personal contact with the materials. Placement of traffic control signage, "such as, caution tape, cones, etc." to keep traffic and other personal from contamination.

When the spilled material is of an unknown substance that may present a hazard to personnel, personnel are to be moved to a safe distance. The local Fire Department should be contacted. The use of containment BMPs may be used if the basin of concern can be reached safely. When the Fire Department arrives they will determine if Hazardous Materials Teams should be contacted for cleanup and disposal of the spill.

5. Clean up the spill

When the absorbent BMPs are saturated they are to be placed in the trash bags that are provided in the spill kits. Apply additional absorbent BMPs if needed to soak up any remaining liquid. Trash bags are then placed in the Hazardous Materials Storage Cabinet using the bulk half-drum container. **NO SPILL OR ABSORBENT MATERIALS ARE TO BE WASHED DOWN THE CATCH BASINS OR OFF OF PAVED SURFACES.**

If spilled materials have entered a basin, inspect the oil/water separator for floating oil on the water surface. Use Vactor to dispose of material if the volume is small for larger spills an oil cleaning service should be contacted.

Unknown materials determine the nature of the spilled material and whether it is a special waste, cleanup and disposal of special wastes will follow the recommendations of the Fire Department, Health District, or Hazard Material Team. The safety/protective equipment in the spill kit should be used to avoid contact with the material if advised to do so by trained personnel called on the scene (**DO NOT ATTEMPT TO CLEAN MATERIALS THAT YOU HAVE NO TRAINING FOR**). These materials may require special handling and disposal.

Only after all of the spilled liquid, material and absorbent materials have been removed can the area be treated with a detergent solution and washed down into a sanitary sewer to eliminate the potential of accidents to personnel.

All used spill control materials (BMPs) are to be disposed off at a facility equipped to handle the types of spill material.

Should a major amount (more than five gallons) of oil or other liquid be spilled, absorbent will probably not be adequate to contain the spill. A spill kit should contain the following items:

- 2ea- ten foot long, four inch diameter absorbent oil booms
- 1ea- 25 pound bag of rice hull ash
- 1ea- flat edge short shovel
- 25ea- 18" x 18" oil absorbent pads
- 1ea- pair of chemical resistant long rubber gloves
- 1ea- Extra large Tyvek suit (worn over regular clothing) with foot coverings
- 1ea- roll of duct tape
- 1ea- roll of "Caution" tape
- 3ea- six mil thickness 30 gallon plastic bags
- 1ea- clear plastic eye and face protection shield
- 2ea- plastic tarps
- 1ea- magnetized rubber mat

Spill Kits

If materials from the kit are used for spills, report the items used and request that they be restocked immediately for future use. In addition, the kit is to be checked semi-annually to verify that all materials are available and in good condition. A minimal preparation for a small kit consists of a dozen absorbent pads for hydrocarbons will be on board all dump trucks and equipment which has hydraulic hoses. The heavy duty (HD) vinyl bags for disposal should be used for wrapping the pads. A large kit of at least 36 absorbent pads for hydrocarbons, 6 absorbent socks, a container of Spaghsorb (at least 2# coffee can) and 2 HD vinyl bags. All lead-workers should have a (large kit) and 2 HD vinyl bags. Backhoe crews, trackhoe crews and brushcutters shall have a (large kit) in the support vehicle. Thermoplastic and paint striping crews shall carry this kit. The paint striping crew support truck shall also carry at least 36 water absorbent pads.

Backup Stockage

Of spill materials at each location below shall be maintained as shown:

Material	Dist 1	Dist 2	Bridge	Pit
WPB6 E*Zorb oil absorbent pads, 200 per bundle, 17"x19"x 3/16"	4	8	4	2
BS030 Matasorb 4'x3" oil absorbent socks, 30 pre box	2	4	4	1
SS-2 Sphag*Sorb organic absorbent, 2CF bags	2	4	4	1
Zorbie Pad, oil absorbent pad 5"x10"x5/8", available in bulk 500 ea	150	250	50	50
4 mil clear, #69 vinyl bags, 25"x24"x53", 50 per roll	1	2	1	1

Products

- Rice hulls (50 lb. Bags)--Hydrocarbons
- Quick-Sorb granular litter (50 lb. Bags)--Hydrocarbons
- Granular Bentonite Product (50 lb. Bags)-- Water
- Sphag-Sorb Bags --water/Hydrocarbons
- Absorbent Socks
- 6 inch/5 foot length – Water
- inch/10 foot length --Water/Hydrocarbon
- inch/5 foot length -- Hydrocarbon
- White/Gray Pads/8"x12" (Water/Hydrocarbon)
- Sorbie, sponges – (Hydrocarbon

Striping Crews

- Carry Sphag Sorb, and Blue Socks
- A heavy vinyl bag containing 12 absorbent pads for hydrocarbon containment to be kept on dump trucks and hydraulic equipment.

- A larger kit containing 36 absorbent pads, 6 absorbent socks (5 to 10 feet long), can of Sphagsorb, and two HD vinyl bags. This kit is to be kept in leadworker pick-ups for backhoe, trackhoe, and brushcutter trucks.
- We also store granular absorbent litter of several types, rice hulls, and six-inch diameter, ten foot-long "supersock" for larger volume spill.

Emergency Phone Contacts

Arlington Road Maintenance Facility
19700 67th Ave NE
Arlington, WA 98223-7841
425-388-7524

FIRE OR HOT LOADS, SUSPICIOUS ODOR OR SMOKE

Fire Department	9-1-1

INCIDENT REPORTING/ INCIDENT RECORDS

Cindy Higdon, Supervisor,	425-388-7511
Stephen Terra, Equip. Maint. Supervisor	425-388-7561
Jack Lemke, Bridge Crew Lead, MSDS manual	425-388-7135
Duane Myers, Paving Lead	425-388-7128
Bob Westlake, Lead Worker	425-388-7129
Travis Davies, Storekeeper, MSDS manual	425-388-7132

ON OR OFF SITE (OR PIT) SPILL OF OIL, ANTIFREEZE, GAS, DEISEL OR LIKE MATERIAL

Cindy Higdon, Supervisor,	425-388-7511
Stephen Terra, Equip. Maint. Supervisor	425-388-7561
Jack Lemke, Bridge Crew Lead, MSDS manual	425-388-7135
Duane Myers, Paving Lead	425-388-7128
Bob Westlake, Lead Worker	425-388-7129
Travis Davies, Storekeeper, MSDS manual	425-388-7132

SPILLS TO THE ENVIRONMENT GREATER THAN 5 GALLONS

Department of Ecology Spill Response Team Northwest Region	1-425-649-7000

Be sure to request an incident number for tracking purposes

HAZARDOUS MATERIALS EMERGENCY

Jim Gustafson	425-388-6050
Moderate Risk Waste (MRWF) 3434 McDougal Ave, Everett, WA 98201	425-754-6473

ALL EMPLOYEES

If there is any doubt in your mind about a proper course of action, always err on the side of safety and call 911 immediately!!

Monitoring includes site inspections as well as the collection and analysis of stormwater samples. The purpose of monitoring is to: a) evaluate storm water outfalls for the presence of non-storm water discharges, and b) evaluate the effectiveness of the companies' pollution prevention activities in controlling contamination of storm water discharges. The following monitoring plan has been prepared to comply with the Washington State Department of Ecology (DOE) Industrial Permit requirements.

The following table provides a summary of requirements for the Industrial Stormwater General Permit Monitoring Plan.

Municipal/Sand & Gravel Permit Monitoring Plan Requirements Summary

Monitoring Plan	Requirement
Inspections	Quarterly – wet weather Annually – dry weather
Sampling	Quarterly according to Discharge Monitoring Report (DMR)
Reporting	Quarterly – 45 days following end of reporting period
Records Retention	5 years

Sampling/ inspection quarters are defined in the following table.

Inspection Quarters

Sampling/Inspection Quarters	Months Included
First Quarter	January, February, March
Second Quarter	April, May, June
Third Quarter	July, August, September
Fourth Quarter	October, November, December

Inspection (Visual Monitoring)

Conduct quarterly visual inspections of the discharges to ground and surface water during sampling, and an annual inspection of the remaining un-sampled discharges during a storm event. The inspection must:

- Verify that the description of potential pollutant sources are accurate.
- The Coordinator (stormwater pollution prevention team) must certify each visual monitoring report and keep it on site with the SWPPP.
- Make certain that the pollutant reduction controls are being implemented, maintained, and are functioning adequately.
- Inspect all drainage structures for defects and maintenance needs.
- List observations of floating materials, suspended solids, oil and grease, discoloration, turbidity, odor, etc. in stormwater discharges and their probable source. In areas where acid or alkaline materials are handled or stored, use pH paper or meter to identify those types of stormwater contaminants, where needed.
- Include observations made at stormwater sampling locations at time of sampling.
- Visually inspect discharge locations not sampled at least annually during a storm event.
- Visual inspection includes discharge to ground.

- If an adjustment to a BMP is needed, include an implementation schedule for necessary improvements within 30 days of an inspection.

A dry season inspection should take place a minimum of once a year during July, August, or September after at least 7 consecutive days of no precipitation and determine whether there is/are un-permitted non-stormwater discharges to storm drains or receiving waters. These illicit flows are much more difficult to detect during periods with stormwater flows, therefore it is important to make these observations during a very dry period.

If flow is present, then the inspector must determine whether or not it is a result of non-stormwater discharges. The inspector must use his judgment as to the source. Smoke testing or dye studies are not required to differentiate between industrial and non-industrial sources at this site.

If flow is present and believed to be a non-stormwater discharge, then recommended actions should be identified and completed.

Reporting

Sampling/inspection data obtained during each monitoring period must be summarized and reported on a Discharge Monitoring Report (DMR) form provided, or otherwise approved, by DOE and submitted quarterly. The DMR forms must be sent to or filed electronically with DOE within 45 days following the end of the reporting period. Deadlines for submittal of the DMR are listed in the following table.

DMR Submittal Deadlines

Sampling/Monitoring Quarter	Months Included	Deadline for DMR Submittal
First Quarter	January, February, March	No later than May 15
Second Quarter	April, May, June	No later than Aug. 14
Third Quarter	July, August, September	No later than Nov. 14
Fourth Quarter	October, November, December	No later than Feb. 14

Reports not filed electronically can be submitted to DOE headquarters to:

Rachel McCrea
Municipal Stormwater Permit Administrator
Dept. of Ecology
Water Quality Program
PO Box 47696
Olympia, WA 98504-7696
360-407-6437
chgi461@ecy.wa.gov

Cynthia Walcker
Senior Water Quality Inspector
Ecology, NWRO, Water Quality Program
3190 160th Ave SE
Bellevue, WA 98008-5452
425-649-7276
chgi461@ecy.wa.gov

DMR FORMS MUST BE SUBMITTED QUARTERLY WHETHER OR NOT THE FACILITY WAS DISCHARGING. If there was no discharge during a given monitoring period, submit the DMR form marking the "no discharge" check box.

DMR FORMS MUST BE SUBMITTED QUARTERLY EVEN IF MONITORING HAS BEEN SUSPENDED AS A RESULT OF CONSISTENT ATTAINMENT OF BENCHMARK VALUES. If monitoring has been suspended based on consistent attainment, submit the DMR form marking the "consistent attainment" check box.

Records Retention

All reports and records pertaining to the permit coverage under this general permit shall be retained for the later of 5 years beyond the date of the permit cover letter, or for a minimum of three years. The forms are to be kept on site and shall be made available to the Department of Natural Resources upon request. In the case of facilities which discharge storm water to a municipal separate storm sewer system, the records must also be made available to the operator of the municipal system. Records include but are not limited to:

- inspection reports
- maintenance records
- original recordings for continuous monitoring instrumentation
- copies of all reports required by permit
- records of all data used to complete application for Municipal/Sand & Gravel Stormwater General Permit

Appendix A
Roadside Spill Response
Road Maintenance Waste Management Procedure

Safety

Protect your personal safety and the safety of other workers. **DO NOT TAKE ACTION THAT YOU HAVE NOT BEEN TRAINED TO DO**. Cleanup of hydrocarbon spills from our own operations described later, are different than cleanup of other chemical products.

Protect the Public

Accidental spills from commercial tank trucks or placarded vehicles will often require evacuation and protection of the public; including traffic control. When we are assisting law enforcement on the scene of a public spill, traffic control may be necessary until the site is cleaned up. Road maintenance crews supporting fire and police personnel will not engage in cleanup operations unless they have been properly trained for the type of response or are working under direct supervision of a trained responsible person.

Protect the Environment

Most of our responses to vehicle accident sites or to breakdowns of our own equipment involve the releases of hydrocarbon fluids such as fuels, lubrication oils, antifreeze, brake and hydraulic fluids. These products are deadly to fish, birds, frogs and other wildlife but are not normally a threat to workers unless they are on fire. Whether a spilled material is liquid or not any spills of material detrimental to the environment must be contained, cleaned up and reported to local authorities and the Department of Ecology.

Reporting

For spills by county equipment or vehicles call your Lead person or supervisor as quickly as possible, by phone or radio; with ER&R number, location, material and quantity released. Leads/Supervisor will call the Department of Ecology Spill Response Team at Northwest Region 1- 425- 649 -7000 to report any spill to the environment of **5 GALLONS OR MORE**. Be sure to request as incident number for tracking purposes. Ecology will need to know the following information

- Your name and telephone number from where you are calling;
- Contact person telephone (Lead worker, supervisor)
- Responsible party.
- Time and type of material spilled.
- Exact address of the release (Section, Township and Range)
- Material and quantity of the release, to the extent known;
- Clean-up status and damage.

If containers are leaking at an incident site, they will want to speak to the crew chief on the scene by cellular phone. Most of the questions they ask you on the phone are necessary for them to determine how much help to send and how fast. If a traffic lane is closed due to spill contamination and traffic supervision is required, then DOE gives the spill a higher priority. Supervisors should report all incidents to the Division Operation Specialist, who maintains incident records

Spill Response Actions

1. When dispatched to assist law enforcement or fire department first responders, our crews will only control hydrocarbon vehicle fluids for which the crew leader has been trained.
2. Contain the spill. Absorb what you can as fast as you can. Control the spread of oily spill fluids into flowing water. Use absorbent pads and socks or construct a barrier of sand or roadside materials. Apply absorbent material to collect oily wastes. Rice hulls and Spagsorb are natural absorbent materials and are preferred for oily sheen cleanup. Concentrated liquid is best absorbed with Hydrocarbon Absorbent pads which should be first on the scene as they are required to be Lead-worker vehicles and on any equipment which has hydraulic lines. These pads will not absorb water and can be placed in ditches or ponds where there is a concentration of oils.
3. Collect and write down information on the spill. When the responsible person can be identified for a spill in public accidents, that person should be doing the cleanup or will be back-charged with county costs, including disposal of materials.

Cleanup Actions

The type of material spilled, type of terrain, location and the materials used for cleanup will determine how each spill is handled. When spilled material is contained it must be packaged for disposal according to state and local procedures. Spills involving other than hydrocarbon liquids will not be cleaned up by Road Maintenance personnel. Liquids will be contained in steel drums and generally solids can be placed in the fiber drums.

The procedure for disposal of cleanup materials will depend upon what materials are involved and the degree of hydrocarbon saturation of the absorbents.

1. Volatile hydrocarbons (Gas, kerosene, butyl's, napthas) must be contained and disposed of at the Moderate Risk Waste Facility, (MRWF) 3434 McDougal Ave., Everett, 425-388-6052. Use metal or plastic containers for liquids and fibre drums with heavy duty liners for spent absorbents.
2. Mid range and heavy end hydrocarbons (Diesel, Hydraulic Fluid, Motor oil & asphaltic oils) absorbed by pads, socks, rice hulls, spaghsorb, sand or soil; **WHICH IS NOT SATURATED** can be disposed of in the dumpsters. The saturation level is to be determined by placing some of the material on a shovel blade and pressing on it with another shovel, or similar material, to see if squeezing/compressing the absorbent produces dripping or flow of liquids. Saturated cleanup materials will be delivered to the MRWF for disposal.
3. Any materials taken to the MRWF will need to be labeled for identification and have the source identified; equipment #, address or location, District and EPA ID number. Labels have been made up, by MRWF, and issued to supervisors for use as needed. Leadworkers who need assistance with cleanup or disposal should contact the Operations Planning Specialist, RM Division.
4. Send receipts from MRWF to the Operations Planning Specialists.
5. NO hydrocarbon spill cleanup materials will be placed in the HAZBINS.

Spill Control and Countermeasures in the public right of way

- Contain spilled liquids from flowing into adjacent waters using any means available to keep liquids on paved surfaces.

- All Leadworkers shall carry absorbent hydrophobic (repels water) pads in their pickups. All crew chiefs will ensure that at least a dozen absorbent pads are on hand when using any equipment which has hydraulic systems.
    1. Initial response to broken hoses or fluid leaks will be to immediately place the pads to catch the leaking material.
    2. For larger spills or discharges soak up liquids with Spaghsorb (treated peat absorbent material), rice hulls or absorbent pads. Sand used in spills is not as absorbent materials for controlling free flowing or concentrations of liquids.
- Polypropylens 'socks' (3"x48" tubes) are best for capturing oil in flowing water. They are also very effective for making quick dams on surfaces to control the flow of excessive volumes, when backed up with sand or dirt if it is readily available.
    1. Absorb oil on standing water with absorbent pads or Spaghsorb (treated peat absorbent).
    2. Elongated spill/oil sheen areas on the roadway are best controlled by sanding. Large volumes or puddles of liquids on paved areas should be treated with pads, Spaghsorb, rice hulls.

Cleanup and Disposal

- Spilled liquids which are recovered or contained must be transported in closed top containers. Five gallon poly cans with lids, thirty and fifty gallon drums are available at each District Shop.
- Disposal of volatile hydrocarbon spill cleanup materials and saturated non-volatile materials will be at the MRWF in Everett, 425-388-6052, and must have identification labels attached prior to transporting. Supervisors have a supply of labels. When fiber drums are used to transport the materials to MRWF the empty drums should be retained for reuse, NOT left at facility.
- Disposal of non-volatile hydrocarbon spill cleanup materials which are not saturated will be to the solid waste dumpster in the District yards.
- Spill cleanup pads and socks should be bagged in Heavy Duty (HD) polyethylene trash bags. For easier transporting the fiber drums may be used with the HD bags as liners. These drums have waxed lining however, a HD polyethylene liner is required to be inserted prior to putting material in them to avoid liquids soaking through the container. Spill cleanup materials placed in the fiber drums are weight limited to 150# in 30 gallon size and to a maximum of 120# in 20 gallon size.
- Spill cleanups involving other than hydrocarbons shall be stored in the Hazmat Bins until shipped.

As part of the Regional Road Maintenance Program BMP program spill prevention and control are to part of every project plan. This Bmp needs to be in place in order to be compliant with the ESA 4(D) program with NMFS for listed aquatic species.

The crew operator should make sure that each piece of equipment which has hydraulic lines should have a spill kit which can be used for small spills related to equipment failure. The desired outcome is to control, absorb, or contain spill for cleanup and disposal
The minimum requirements

- Absorbent materials (socks, rice hulls or Spagsorb).
- Absorbent pads
- Shovel

Spill prevention procedures for the painting operations

The purpose of this procedure is to outline responsibilities and process for handling traffic striping paint to avoid spills.

Responsibilities

1. The Traffic Supervisor is responsible for all traffic related painting and markings. The traffic Supervisor will instruct the crew chief and the crew of the paint operations in the process and procedures of loading and handling of all paint. This training will be done annually before the paint season begins.
2. The striping crew chief is responsible for supervising the field operations of the crew and ensuring compliance to this procedure.
3. The Traffic Supervisor is responsible for all traffic related painting and markings. The traffic Supervisor will instruct the crew chief and the crew of the paint operations in the process and procedures of loading and handling of all paint. This training will be done annually before the paint season begins.
4. The striping crew chief is responsible for supervising the field operations of the crew and ensuring compliance to this procedure.

The Operational Process Seasonal Paint Striper Cleanup Procedure

Operational Procedure

1. The Vactor Decant Site at Cathcart is used for striper cleanout at the end of the season. Scheduling use of the facility with the Solid Waste Division Supervisor needs will be done by the Traffic Maintenance Supervisor at the close of the striper season.
2. The striper is operated until it runs out of paint in each color at the end of the striping season.
3. The tanks are filled with water immediately after they run out of paint. It is likely that one tank will be full of water for a day or two until the paint is exhausted in the second tank.
4. At the Cathcart cleanup site the water in the paint tanks is pumped out through the spray guns. Then the paint guns are removed so the velocity and volume of water is increased through the pump system. The paint pump lines are flushed more until the discharge runs clean.
5. Rinse water is discharged with the decant effluent to the pre-treatment plant prior to dumping into the City of Everett's municipal waste water system.
6. Paint particles are mixed into sludge waste from cleanup of Solid waste Division transfer station sites for landfill disposal in the long haul containers.
7. The truck is returned to the Snohomish yard for detailed cleaning. The steam cleaner is used to further purge the paint lines. Paint particles loosened with stream are collected within the closed loop filter system at the vehicle wash rack. Dry paint chips can be disposed off in trash dumpster.
8. Paint filters, six in total, are removed from the truck and thoroughly cleaned.
9. The empty truck is stored for the winter.
10. Paint totes are stored on the containment pad upon delivery by vendor.
11. The catch basin flap gate will be checked to make sure it is closed during the entire paint loading
12. The paint totes are loaded on the steel loading plates located on the containment pallet in the paint servicing shed.
13. The paint truck will be backed into position for loading on the east side of the servicing shed.
14. The transfer hose is then connected, one end to the paint tote and the other end to the pump on the paint truck. One person is in charge of the hose connected to the pump on the striping

truck, and one person is on top of the tank watching the fill level at all times to ensure that the tank will not overflow. Only then can the pump be turned on.

15. After the truck tanks have been filled, the transfer hose is immediately disconnected and washed out in the cleaning tank that empties into the City of Snohomish sanitary sewer system.
16. When a truck is loaded and ready to leave, and no paint spillage has occurred, then the flap gate on the catch basin may be opened. If any spillage has occurred, the county vactor crew chief is called to clean it up and haul the paint spillage to the Vactor Decant Site at Cathcart.
17. Totes with paint remaining in them will not be removed from the containment pallet until the tote is empty.
18. Empty totes will be removed from the paint servicing shed and stacked in the loading area of the containment pad waiting pick-up by the vendor. WE DO NOT deal with the cleaning of the totes.

Seasonal Paint Striper Cleanup Procedure

Operational Procedure

1. The Vactor Decant Site at Cathcart is used for striper cleanout at the end of the season. Scheduling use of the facility with the Solid Waste Division Supervisor needs will be done by the Traffic Maintenance Supervisor at the close of the striper season.
2. The striper is operated until it runs out of paint in each color at the end of the striping season.
3. The tanks are filled with water immediately after they run out of paint. It is likely that one tank will be full of water for a day or two until the paint is exhausted in the second tank.
4. At the Cathcart cleanup site the water in the paint tanks is pumped out through the spray guns. Then the paint guns are removed so the velocity and volume of water is increased through the pump system. The paint pump lines are flushed more until the discharge runs clean.
5. Rinse water is discharged with the decant effluent to the pre-treatment plant prior to dumping into the City of Everett's municipal waste water system.
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8. Paint filters, six in total, are removed from the truck and thoroughly cleaned.
9. The empty truck is stored for the winter.

APPENDIX B
BLANK FORMS

APPENDIX C
COMPLETED FORMS

Exhibit 8
Examples of Quarterly Monitoring Report Forms

Snohomish County
Public Works
Solid Waste Division

Aaron Reardon
County Executive

(425) 388-3425
M/S 607
FAX (425) 388-7044

3000 Rockefeller Avenue,

Everett, WA 98201

April 25, 2011

Mr. Charles Gilman
Water Quality Program Industrial Stormwater Unit
Department of Ecology
PO Box 47696
Olympia, WA 98504-7696

RE: Industrial Stormwater Discharge Monitoring Reports for WAR00005600, WAR001846, WAR001273

Dear Mr. Gilman:

Attached please find the first quarter 2011 Discharge Monitoring Reports for our solid waste sites. Monitoring results indicate we are in compliance with our permit parameters at Airport Road (WAR00005600). Because we have four quarters of attainment at the Southwest Recycling and Transfer Station (WAR001846), we will no longer be sampling other than verifying no oil sheen per permit condition S4 B 6.

In February, 2011 we received a "Conditional No Exposure" certificate from the Department of Ecology for the Cathcart Landfill and will no longer be submitting sampling results nor performing monthly inspections. The Cathcart site will continue to be managed via the municipal storm water permit.

These reports are signed by our Solid Waste Division Director, Matt Zybas.

Sincerely,

Deanna Carveth
Project Specialist

cc: File
Dave Schonhard, Neil Bresheare

Industrial Stormwater General Permit National Pollutant Discharge Elimination System (NPDES)
Discharge Monitoring Report (DMR)

Site Name: AIRPORT RD RECYCLING & TRANSFER	WAR005600	ARTS-DSP-1
Site Address: 10700 Minuteman Dr	Permit Number	Sampling Point
City: Everett **County:** Snohomish		

Submit **one** DMR per sampling point.

Reporting Period			
Quarter (circle one) Year: 2011			
1st	2nd	3rd	4th
Jan/Feb/Mar	Apr/May/Jun	Jul/Aug/Sept	Oct/Nov/Dec

Parameter	Units	Benchmark Value	Analytical Method	Laboratory Quantitation Level	Sample Results			
					SINGLE SAMPLE RESULT	SINGLE SAMPLE DATE (MM/DD)	AVERAGE (If more than one sample collected, complete additional sampling log on next page.)	CONSISTENT ATTAINMENT? (Condition S4.B.6) (✓ for yes)
Turbidity	NTU	25	EPA 180.1, Meter	0.5	2.4	3/16/11		☑
pH	s.u.	5 - 9	Meter	±0.5	6.69	3/16/11	N/A	☑
Zinc, Total	µg/L	117	EPA 200.8	2.5	31			☑
Oil Sheen	Yes/No	No visible oil sheen	N/A	N/A	Sheen Present? Yes / (No) (circle)		N/A	N/A
Copper, Total	µg/L	Western WA: 14 Eastern WA: 32	EPA 200.8	2.0	1.9	3/16/11		☑

☐ No sample collected – No stormwater was discharged during normal working hours.

☐ No sample collected – Stormwater was discharged during normal working hours, but a sample wasn't collected (explain in comments section).

ADDITIONAL COMMENTS:

Certification Statement I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Matt Zybas / Director Solid Waste Division	Matthew Zy	4/26/11
Name / Title (printed)	Signature (not valid unless signed). See Permit Condition G2 for signature requirements.	Date Signed

Mail your DMR to: Department of Ecology, Water Quality Program – Industrial Stormwater, P.O. Box 47696, Olympia, WA 98504-7696

QUARTERLY STORMWATER MONITORING
SNOHOMISH COUNTY AIRPORT, EVERETT, WASHINGTON

Quarter: 1Q11 **Date** 2/14/11 **Sampling Location:** BigCatch

STORMWATER SAMPLING: According to the Industrial Stormwater General Permit condition S4.B, a permittee is required to collect a sample within the first 12 hours of stormwater discharge. Fourth quarter sampling must occur during the first storm event of that quarter. For the other three quarters, sampling does not need to be conducted during the first storm event. Permittees need not sample outside of regular business hours, during unsafe conditions, or during quarters where there is no discharge, but must still submit a Discharge Monitoring Report each reporting period.

1. Time of sampling (should be within 12 hours after discharge begins):	11:45
2. Did sampling occur within the first 12 hours of discharge?	☐ Yes ☒ No
3. If the answer to question 2 is no, explain why a sample was not collected within the first 12 hours.	rain started during non-business hours
4. For fourth quarter sampling, did the sampling occur during the first storm event of that quarter?	☐ Yes ☐ No ☒ N/A
5. Sampling method (e.g., "from catch basin by hand"):	N/A
6. Sampling parameters:	N/A
7. Result of field measurements if applicable (pH/Turbidity): N/A	pH: _____ s.u. Turbidity: _____ NTU
8 Field meter calibration record: Field meter calibrated successfully according to meter calibration standards prior to sampling?	☐ Yes ☐ No ☒ N/A
9 Oil sheen visible?	☐ Yes ☒ No
10. Comments (i.e., unusual circumstances): no unusual circumstances	

Name of sampler: Rosemary Trimmer

Signature of sampler: Rosemary Trimmer Date: 2/14/11

VISUAL MONITORING REMINDER [If monthly visual monitoring has not already been conducted, record the results of visual monitoring on the separate required Monthly Inspection form].

QUARTERLY STORMWATER MONITORING
SNOHOMISH COUNTY AIRPORT, EVERETT, WASHINGTON

Quarter: 1 Q 11 **Date** 2/14/11 **Sampling Location:** CK Stickney South

STORMWATER SAMPLING. According to the Industrial Stormwater General Permit condition S4.B, a permittee is required to collect a sample within the first 12 hours of stormwater discharge. Fourth quarter sampling must occur during the first storm event of that quarter. For the other three quarters, sampling does not need to be conducted during the first storm event. Permittees need not sample outside of regular business hours, during unsafe conditions, or during quarters where there is no discharge, but must still submit a Discharge Monitoring Report each reporting period.

1. Time of sampling (should be within 12 hours after discharge begins):	12:15
2. Did sampling occur within the first 12 hours of discharge?	☐Yes ☒No
3. If the answer to question 2 is no, explain why a sample was not collected within the first 12 hours.	rain started during non-business hours
4. For fourth quarter sampling, did the sampling occur during the first storm event of that quarter?	☐Yes ☐No ☒N/A
5. Sampling method (e.g., "from catch basin by hand"):	N/A
6. Sampling parameters:	N/A
7. Result of field measurements if applicable (pH/Turbidity): N/A	pH: _____ s.u. Turbidity: _____ NTU
8 Field meter calibration record: Field meter calibrated successfully according to meter calibration standards prior to sampling?	☐Yes ☐No ☒N/A
9 Oil sheen visible?	☐Yes ☒No
10. Comments (i.e., unusual circumstances):	no unusual circumstances

Name of sampler: Rosemary Trimmer

Signature of sampler: Rosemary Trimmer Date: 2/14/11

VISUAL MONITORING REMINDER [If monthly visual monitoring has not already been conducted, record the results of visual monitoring on the separate required Monthly Inspection form].

QUARTERLY

LK Stickney North
LK Stickney South
Swamp Creek
Big Gulch

~~MONTHLY~~ INSPECTION FORM

SNOHOMISH COUNTY AIRPORT, EVERETT, WASHINGTON

Month: Oct **Date/Time:** 14th/11:15 **Sampling/Discharge Location:** Smugglers Gulch

MONTHLY INSPECTION [In accordance with Permit Condition S7, qualified personnel shall conduct and document visual inspections of the site each month. Each inspection shall include: observations made at stormwater sampling locations and areas where stormwater associated with industrial activity is discharged off site; or discharged to waters of the state, or to a storm sewer system that drains to waters of the state. Record the results of each inspection on this form and keep the form on-site for Ecology review.

If conducted during a storm event, inspect stormwater discharge for evidence of pollutants entering the drainage system. Check for oil sheen, floating debris, discoloration, turbidity, and odor. Record observations here:

S.G.: clear, no odor, slight orange biogrowth, no sheen
B.G.: no sheen, water discolored-light brown and scum odor
S.G.: no sheen, no odor, clear candy wrapper-1

LSS: no odor no sheen, clear no debris
LSN: no odor, no sheen, clear, no debris

Or, if conducted during a non storm event, check for the presence of illicit discharges such as domestic wastewater, noncontact cooling water, or process wastewater. Groundwater is not considered an illicit discharge. If an illicit discharge is discovered, the Permittee shall notify Ecology within seven days and eliminate the illicit discharge within 30 days. Record observations here:

Assess all BMPs that have been implemented paying special attention to the following (check BMPs inspected):

☒ Automatic drain and washwater collection systems at airplane and vehicle cleaning areas (wash rack operating instructions posted);
☒ Paved areas swept clean; ☒ Maintenance fueling area spill containment kit; ☒ Maintenance fueling area spill containment berm;
☒ Covers placed over waste dumpsters and storage containers; ☒ Vehicles and Equipment (no major leaks);
☐ Maintenance building fueling area covering; ☒ Oil recycling area coverings ☒ Stormwater drainage system (Oil/Water separators, CBs, etc...) appear to be functioning properly based on lack of oil sheen and debris at outfalls.

1. Do the BMPs appear to be effective and functioning adequately and with no observable deviations from the BMP descriptions as described in the SWPPP (Yes/No)?
2. Do the site conditions including potential pollutant sources appear to be consistent with the facility assessment and site map contained in the SWPPP (Yes/No)?

[If the answer to questions 1 or 2 were no, explain here. Include, if applicable, the locations of BMPs that need maintenance, the reason maintenance is needed and a schedule for maintenance, as well as the locations where additional or different BMPs are needed and the rationale for the additional or different BMPs.]

COMPLIANCE STATEMENT: In the judgment of the person identified below as Inspector, this facility is in
☒ **COMPLIANCE OR** ☐ **NON-COMPLIANCE*** (check one) with the terms and conditions of the SWPPP and the Permit.
In the judgment of the person identified below as Facility Representative, this facility is in
☐ **COMPLIANCE OR** ☐ **NON-COMPLIANCE*** (check one) with the terms and conditions of the SWPPP and the Permit.
*If non-compliance, the Permittee shall prepare reports of non-compliance in accordance with the requirements of Condition S9.E of the Permit; and in addition, include as part of this inspection, a summary report and a schedule of implementation of the remedial actions that the Permittee plans to take if the site inspection indicates that the site is out of compliance. The remedial actions taken must meet the requirements of the SWPPP and the permit. List summary here (use reverse side if necessary)

CERTIFICATION: I certify that this report is true, accurate, and complete, to the best of my knowledge and belief.

Name of inspector (1): Rosemary Trimmer Title Staff Environmental Specialist

Signature of inspector (1): Rosemary Trimmer Date 2/14/11

Name of Facility Representative (2): _____ Title _____

Signature of Facility Representative (2) _____ Date _____

(1): As acknowledged by Ecology's Detailed Response to Comments Fact Sheet, APPENDIX C Addendum Part TWO, the certification and signature of the site inspector "may be limited by several factors including incomplete information (e.g., DMR compliance, etc...)". Therefore, by implication, certification and signature by the site inspector does not guarantee site compliance, nor does it imply site inspector liability if non compliance is later determined for the site.

(2) In lieu of Certification and signature of the person described in Condition G2.A of the Permit, a duly authorized representative of the facility, in accordance with Condition G.2.B may also certify and sign this inspection form.

TABLE 1
ISGP STORMWATER ANALYTICAL DATA
SNOHOMISH COUNTY PAINE FIELD

Required quarterly stormwater discharge monitoring parameters prior to 2005										
Quarter/Date	Sample ID (1):	Laboratory ID	Turbidity	pH	Total Zinc	Total Copper	Total Lead	Oil & Grease	Hardness	Dissolved Zinc
4th Quarter 2003 (12/10/03)	LSN	312052-01	4.7	6.0	170			1		
	LSS	312052-02	7.3	6.0	200			1 U		
	SC	312052-03	3.7	6.0	70			5		
	BGC	312052-04	2.7	6.0	80			1 U		
	SG	312052-05	18	6.3	40			5		
	JG	312052-06	1.2	6.0	100			1 U		
1st Quarter 2004 (02/06/04)	LSN	402024-6	3.2	7.0	120			1 U		
	LSS	402024-5	11.0	7.0	170			3		
	SC	402024-4	1.8	7.0	40			2		
	BGC	402024-3	2.4	7.0	50			1 U		
	SG	402024-2	4.6	7.9	20			1 U		
	JG	402024-1	2.4	6.8	40			1 U		
	Catch Basin	402023-1	1.8	6.2	190			--		110
	Roof Gutter	402023-2	1.8	4.4	170			--		110
2nd Quarter 2004 (06/10/04)	LSN	406048-1	4.1	7.5	30	5 U	40 U	5 U	90	
	LSS	406048-2	2.6	8.0	270	6	40 U	5 U	14	
	SC	406048-3	1.0	8.3	10 U			5 U		
	BGC	406048-4	3.6	8.3	80			5 U		
	SG	406048-5	0.9	6.4	10 U			5 U		
	JG	406048-6	4.6	6.5	60			5 U		
3rd Quarter 2004 (09/01/04)	LSN	409006-2	1	7.0	130	5 U	40 U	5 U	30	
	LSS	409006-1	2	6.2	60	5 U	40	5 U	14	
	SC	409006-3	0	6.7	10			5 U		
	BGC	409006-4	1	6.9	50			5 U		
	SG	409006-5	0	7.1	10 U			5 U		
	JG	409006-6	1	7.1	30			5 U		
4th Quarter 2004 (12/13/04)	LSN	412079-2	0	7.7	120	7	40 U	5 U	39	
	LSS	412079-3	0	7.7	140	5	40 U	5 U	33	
	SC	412079-4	0	7.8	30			5 U		
	BGC	412079-5	1	7.5	50			5 U		
	SG	412079-6	23	7.5	20			12		
	JG	412079-1	2	6.7	80			5 U		
	2005 ISGP Parameters		Turbidity	pH	Total Zinc	Total Copper	Total Lead	Oil & Grease		
	2005 ISGP Benchmark		25 NTU	6-9 SU	117 ug/l	63.6 ug/l	81.6 ug/l	15 mg/l		
	2005 ISGP Action Level		50 NTU	5-10 SU	372 ug/L	149 ug/l	159 ug/l	30 mg/l		
Quarter/Date	Sample ID (1):	Laboratory ID							Hardness	Notes
1st Quarter 2005 (3/26/05)	LSN	503163-1	0	7.0	90	5 U	40 U	5 U	5.8	
	LSS	503163-2	0	7.2	160	7	40 U	5 U	12	
	SC	503163-3	0	6.9	10			5 U		
	BGC	503163-4	0	7.0	40			5 U		
	SG	503163-5	0	7.3	10			10		
	JG	503163-6	0	6.7	30			5 U		
2nd Quarter 2005 (6/03/05)	BGC	506022-1	0	6.0	60			5 U		
	LSS	506022-2	0	6.7	100	5 U	40 U	5 U	140	
3rd Quarter 2005 (8/01/05)	BGC	508004-1	0	6.8	340			5 U		
	LSS	508004-2	0	6.5	**570**	16	40 U	5 U	240	
4th Quarter 2005 (12/20/05)	BGC	512091-1	0	6.9	60			5 U		
	LSS	512091-2	16	6.9	170	5 U	40 U	5 U	24	
1st Quarter 2006 (02/23/06)	LSS	602098-1	17	6.2	50	5 U	40 U	5 U	12	
	BGC	602098-2	0	6.1	170			5 U		
2nd Quarter 2006 (05/22/06)	LSS	605099-1			60					
	BGC	605099-2			70					
3rd Quarter 2006	LSS	--	--	--	--	--	--	--	--	NQSE
	BGC	--	--	--	--	--	--	--	--	NQSE
4th Quarter 2006 (11/15/06)	BGC	611070-1			56					
	LSS	611070-2			150					
1st Quarter 2007 (3/07/07)	BGC	703027-1			38					
	LSS	703027-2			200					
2nd Quarter 2007 (6/05/07)	BGC	706014-01			10 U					
	LSS	706014-02			10 U					
3rd Quarter 2007 (9/28/07)	BGC	709167-01			43					
	LSS	709167-02			74					
4th Quarter 2007 (10/24/07)	BGC	710133-01			35					
	LSS	710133-02			110					
1st Quarter 2008 (3/14/08)	BGC	0803091-01			33					
	LSS	0803091-02			110					

TABLE 1
ISGP STORMWATER ANALYTICAL DATA
SNOHOMISH COUNTY PAINE FIELD

2nd Quarter 2008 (4/14/08 & 5/13/08)	BGC	0804066A-01			54					
	LSS	0805075-01			64					
3rd Quarter 2008 (9/24/08)	LSS	0809140-01			290					
4th Quarter 2008 (12/12/08)	LSS	0812068-01			120					
1st Quarter 2009 (03/20/09)	LSS	0903128-01			56					
2nd Quarter 2009 (05/06/09)	LSS	0905020-01			61					
3rd Quarter 2009 (09/29/09)	LSS	0909147-01			86					
4th Quarter 2009 (11/10/09)	LSS	0911037-01			110					
	2010 ISGP Parameters		**Turbidity**	**pH**	**Total Zinc**	**Total Copper**	**Oil Sheen**			
	Method		**EPA-180.1/ Field Meter**	**Field Meter**	**EPA-200.8**	**EPA-200.8**	**Visible?**			
	2010 ISGP Benchmark		**25 NTU**	**5-9 SU**	**117 ug/l**	**14 ug/l**	**(Yes/No)**			
Quarter/Date	**Sample ID (1):**	**Laboratory ID**						**Notes**		
1st Quarter 2010 (1/15/10)	LSS	1001063-01	9.0	7.5	99	9.0 U	No	LSS pond outlet submerged (sample collected above outlet)		
	BGC	1001063-2	8.0	7.6	21	9.0 U	No			
2nd Quarter 2010 (4/21/10)	LSS	1004126-02	7.1	7.9	100	2.6 U	No	LSS pond outlet submerged (sample collected above outlet)		
	BGC	1004126-01	3.6	7.1	73	3.5	No			
3rd Quarter 2010 (9/23/10)	LSS	1009177-02	5.6	6.4	56	2.6 U	No	LSS pond outlet submerged (sample collected above outlet)		
	BGC	1009177-01	7.4	6.6	41	4.7	No			
4th Quarter 2010: (10/14/10) (11/30/10)	LSS	1010107-02	5.3	7.6	14 U	2.6 U	No	LSS pond outlet submerged (sample collected above outlet)		
	BGC	1010107-01	23.7	7.7	130	4.7	No			
	BGC	1011108-01	--	--	28	--	No	A second sample of zinc was collected. The two results were averaged as shown.		
	BGC (Average)	--	--	--	79	--	No			
Facility has reached "Consistent Attainment" based on four quarters of 2010 sampling results per ISGP condition: S4.B.6.										
1st Quarter 2011 (2/14/11)	LSS	NA					No			
	BGC	NA					No			

Notes:

(1) LSN = Lake Stickney North, LSS = Lake Stickney South, SC = Swamp Creek, BGC = Big Gulch Creek, SG = Smugglers Gulch, JG = Japanese Gulch.

NQSE = No Qualifying storm event

ISGP = Industrial Stormwater General Permit

U = Compound was analyzed for, but was not detected at the reported sample detection limit.

-- = Not Sampled

mg/L = Milligrams per liter.

ug/L = Micrograms per liter.

NA = Not available or not applicable

ND = Compound was analyzed for, but was not detected at the reported sample detection limit.

NS = Not Sampled

= Based on applicable ISGP, sampling for this parameter is not required or consistent attainment achieved.

= exceedance of 2005 or 2010 ISGP benchmarks (1), (4), (5), (6).

Black Bold type value = exceedance of 2005 action level (3), (4) or requires 2010 ISGP Level Two Corrective Action (5).

Red Bold type value = Requires 2010 ISGP Level Three Corrective Action (6).

(1) Level One Response: Each time after December 31, 2004 quarterly sampling results are above a benchmark value or outside the benchmark range for pH, the permittee shall initiate a Level One Response in accordance with the ISGP effective 1/14/05 until December 31, 2009.

(2) Level Two Response: After December 31, 2004, if any two out of the four previous quarterly sampling results for a parameter are above action levels, the permittee shall initiate a Level Two Response in accordance with the ISGP effective 1/14/05 until December 31, 2009.

(3) Level Three Response: If any four quarterly samples collected after December 31, 2004 are above action levels, the permittee shall initiate a Level Three Response in accordance with the ISGP effective 1/14/05 until December 31, 2009.

(4) Level One Corrective Action: Permittees that exceed any applicable benchmark value(s) shall complete a Level One Corrective Action for each parameter exceeded in accordance with the ISGP effective 1/1/10.

(5) Level Two Corrective Action: Permittees that exceed any applicable benchmark value(s) for two quarters in a calendar year shall complete a Level Two Corrective Action in accordance with the ISGP effective 1/1/10.

(6) Level Three Corrective Action: Permittees that exceed any applicable benchmark value(s) for three quarters in a calendar year shall complete a Level Three Corrective Action in accordance with the ISGP effective 1/1/10.

QUARTERLY STORMWATER MONITORING
SNOHOMISH COUNTY AIRPORT, EVERETT, WASHINGTON

Quarter: 2Q11 **Date** 5/25/11 **Sampling/Discharge Location(s):** Big Gulch

STORMWATER SAMPLING. According to the Industrial Stormwater General Permit condition S4.B, a permittee is required to collect a sample within the first 12 hours of stormwater discharge. Fourth quarter sampling must occur during the first storm event of that quarter. For the other three quarters, sampling does not need to be conducted during the first storm event. Permittees need not sample outside of regular business hours, during unsafe conditions, or during quarters where there is no discharge, but must still submit a Discharge Monitoring Report each reporting period.

1. Time of sampling (should be within 12 hours after discharge begins):	15:30
2. Did sampling occur within the first 12 hours of discharge?	☒ Yes ☐ No
3. If the answer to question 2 is no, explain why a sample was not collected within the first 12 hours.	
4. For fourth quarter sampling, did the sampling occur during the first storm event of that quarter?	☐ Yes ☐ No ☒ N/A
5. Sampling method (e.g., "from catch basin by hand"):	N/A
6. Sampling parameters: N/A	
7. Result of field measurements if applicable (pH/Turbidity): N/A	
8. Field meters calibrated according to meter calibration standards prior to sampling.	☐ Yes ☐ No ☒ N/A
9 Oil sheen visible?	☐ Yes ☒ No

10. Comments (i.e., unusual circumstances):

NO sheen, water discolored - light orangeish/brown, pond scum odor, no debris
no unusual circumstances

Name of sampler: Rosemary Trimmer

Signature of sampler: Rosemary Trimmer Date: 5/25/11

VISUAL MONITORING REMINDER [If monthly visual monitoring has not already been conducted, record the results of visual monitoring on the separate required Monthly Inspection form].

QUARTERLY STORMWATER MONITORING
SNOHOMISH COUNTY AIRPORT, EVERETT, WASHINGTON

Quarter: 2Q11 **Date** 5/25/11 **Sampling/Discharge Location(s):** Lake Stickney South

STORMWATER SAMPLING: According to the Industrial Stormwater General Permit condition S4.B, a permittee is required to collect a sample within the first 12 hours of stormwater discharge. Fourth quarter sampling must occur during the first storm event of that quarter. For the other three quarters, sampling does not need to be conducted during the first storm event. Permittees need not sample outside of regular business hours, during unsafe conditions, or during quarters where there is no discharge, but must still submit a Discharge Monitoring Report each reporting period.

1. Time of sampling (should be within 12 hours after discharge begins):	13:45
2. Did sampling occur within the first 12 hours of discharge?	☒ Yes ☐ No
3. If the answer to question 2 is no, explain why a sample was not collected within the first 12 hours.	
4. For fourth quarter sampling, did the sampling occur during the first storm event of that quarter?	☐ Yes ☐ No ☒ N/A
5. Sampling method (e.g., "from catch basin by hand"):	N/A
6. Sampling parameters: N/A	
7. Result of field measurements if applicable (pH/Turbidity): N/A	
8. Field meters calibrated according to meter calibration standards prior to sampling.	☐ Yes ☐ No ☒ N/A
9 Oil sheen visible?	☐ Yes ☒ No

10. Comments (i.e., unusual circumstances):

no odor, no sheen, clear, pond debris (mud, sticks)
outlet grate covered w/ mud, sticks
no unusual circumstances

Name of sampler: Rosemary Trimmer

Signature of sampler: Rosemary Trimmer Date: 5/25/11

VISUAL MONITORING REMINDER [If monthly visual monitoring has not already been conducted, record the results of visual monitoring on the separate required Monthly Inspection form].

Lk Stickney North
Lk Stickney South
Big Gulch
Smuggler's Gulch

MONTHLY INSPECTION FORM
SNOHOMISH COUNTY AIRPORT, EVERETT, WASHINGTON

Month: MAY **Date/Time:** 5/25/11 **Sampling/Discharge Location:** Swamp Creek

MONTHLY INSPECTION [In accordance with Permit Condition S7, qualified personnel shall conduct and document visual inspections of the site each month. Each inspection shall include: observations made at stormwater sampling locations and areas where stormwater associated with industrial activity is discharged off-site; or discharged to waters of the state, or to a storm sewer system that drains to waters of the state. Record the results of each inspection on this form and keep the form on-site for Ecology review.

If conducted during a storm event, inspect stormwater discharge for evidence of pollutants entering the drainage system. Check for oil sheen, floating debris, discoloration, turbidity, and odor. Record observations here: BG: no sheen no debris.
LSS: no odor, no sheen, clear, pond debris covering outlet grate. pond scum odor, water discolored — light orange/brown
SC: no odor, no sheen, clear, minor debris (trash)
LSN: no odor, no sheen, clear, no debris SG: clear, no odor, no debris, orange + green biogrowth

Or, if conducted during a non storm event, check for the presence of illicit discharges such as domestic wastewater, noncontact cooling water, or process wastewater. Groundwater is not considered an illicit discharge. If an illicit discharge is discovered, the Permittee shall notify Ecology within seven days and eliminate the illicit discharge within 30 days. Record observations here: -

Assess all BMPs that have been implemented paying special attention to the following (check BMPs inspected):

☒ Automatic drain and washwater collection systems at airplane and vehicle cleaning areas (wash rack operating instructions posted);
☒ Paved areas swept clean; ☒ Maintenance fueling area spill containment kit; ☒ Maintenance fueling area spill containment berm;
☒ Covers placed over waste dumpsters and storage containers; ☒ Vehicles and Equipment (no major leaks);
☒ Maintenance building fueling area covering; ☒ Oil recycling area coverings ☒ Stormwater drainage system (Oil/Water separators, CBs, etc...) appear to be functioning properly based on lack of oil sheen and debris at outfalls.

1. Do the BMPs appear to be effective and functioning adequately and with no observable deviations from the BMP descriptions as described in the SWPPP (Yes/No)?
2. Do the site conditions including potential pollutant sources appear to be consistent with the facility assessment and site map contained in the SWPPP (Yes/No)?

[If the answer to questions 1 or 2 were no, explain here. Include, if applicable, the locations of BMPs that need maintenance, the reason maintenance is needed and a schedule for maintenance, as well as the locations where additional or different BMPs are needed and the rationale for the additional or different BMPs.]

COMPLIANCE STATEMENT: In the judgment of the person identified below as Inspector, this facility is in
☒ **COMPLIANCE OR** ☐ **NON-COMPLIANCE*** (check one) with the terms and conditions of the SWPPP and the Permit.
In the judgment of the person identified below as Facility Representative, this facility is in
☐ **COMPLIANCE OR** ☐ **NON-COMPLIANCE*** (check one) with the terms and conditions of the SWPPP and the Permit.
*If non-compliance, the Permittee shall prepare reports of non-compliance in accordance with the requirements of Condition S9.E of the Permit; and in addition, include as part of this inspection, a summary report and a schedule of implementation of the remedial actions that the Permittee plans to take if the site inspection indicates that the site is out of compliance. The remedial actions taken must meet the requirements of the SWPPP and the permit. List summary here (use reverse side if necessary)

CERTIFICATION: I certify that this report is true, accurate, and complete, to the best of my knowledge and belief.

Name of inspector (1): Rosemary Trimmer Title Staff Environmental Specialist

Signature of inspector (1): Rosemary Trimmer Date 5/25/11

Name of Facility Representative (2): _____ Title _____

Signature of Facility Representative (2) _____ Date _____

(1): As acknowledged by Ecology's Detailed Response to Comments Fact Sheet, APPENDIX C Addendum Part TWO, the certification and signature of the site inspector "may be limited by several factors including incomplete information (e.g., DMR compliance, etc...)". Therefore, by implication, certification and signature by the site inspector does not guarantee site compliance, nor does it imply site inspector liability if non compliance is later determined for the site.

(2) In lieu of Certification and signature of the person described in Condition G2.A of the Permit, a duly authorized representative of the facility, in accordance with Condition G.2.B may also certify and sign this inspection form.

TABLE 1
ISGP STORMWATER ANALYTICAL DATA
SNOHOMISH COUNTY PAINE FIELD

Required quarterly stormwater discharge monitoring parameters prior to 2005										
Quarter/Date	Sample ID (1):	Laboratory ID	Turbidity	pH	Total Zinc	Total Copper	Total Lead	Oil & Grease	Hardness	Dissolved Zinc
4th Quarter 2003 (12/10/03)	LSN	312052-01	4.7	6.0	170	NS	NS	1	NS	NS
	LSS	312052-02	7.3	6.0	200	NS	NS	1 U	NS	NS
	SC	312052-03	3.7	6.0	70	NS	NS	5	NS	NS
	BGC	312052-04	2.7	6.0	80	NS	NS	1 U	NS	NS
	SG	312052-05	18	6.3	40	NS	NS	5	NS	NS
	JG	312052-06	1.2	6.0	100	NS	NS	1 U	NS	NS
1st Quarter 2004 (02/06/04)	LSN	402024-6	3.2	7.0	120	NS	NS	1 U	NS	NS
	LSS	402024-5	11.0	7.0	170	NS	NS	3	NS	NS
	SC	402024-4	1.8	7.0	40	NS	NS	2	NS	NS
	BGC	402024-3	2.4	7.0	50	NS	NS	1 U	NS	NS
	SG	402024-2	4.6	7.9	20	NS	NS	1 U	NS	NS
	JG	402024-1	2.4	6.8	40	NS	NS	1 U	NS	NS
	Catch Basin	402023-1	1.8	6.2	190	NS	NS	NS	NS	110
	Roof Gutter	402023-2	1.8	4.4	170	NS	NS	NS	NS	110
2nd Quarter 2004 (06/10/04)	LSN	406048-1	4.1	7.5	30	5 U	40 U	5 U	90	NS
	LSS	406048-2	2.6	8.0	270	6	40 U	5 U	14	NS
	SC	406048-3	1.0	8.3	10 U	NS	NS	5 U	NS	NS
	BGC	406048-4	3.6	8.3	80	NS	NS	5 U	NS	NS
	SG	406048-5	0.9	6.4	10 U	NS	NS	5 U	NS	NS
	JG	406048-6	4.6	6.5	60	NS	NS	5 U	NS	NS
3rd Quarter 2004 (09/01/04)	LSN	409006-2	1	7.0	130	5 U	40 U	5 U	30	NS
	LSS	409006-1	2	6.2	60	5 U	40	5 U	14	NS
	SC	409006-3	0	6.7	10	NS	NS	5 U	NS	NS
	BGC	409006-4	1	6.9	50	NS	NS	5 U	NS	NS
	SG	409006-5	0	7.1	10 U	NS	NS	5 U	NS	NS
	JG	409006-6	1	7.1	30	NS	NS	5 U	NS	NS
4th Quarter 2004 (12/13/04)	LSN	412079-2	0	7.7	120	7	40 U	5 U	39	NS
	LSS	412079-3	0	7.7	140	5	40 U	5 U	33	NS
	SC	412079-4	0	7.8	30	NS	NS	5 U	NS	NS
	BGC	412079-5	1	7.5	50	NS	NS	5 U	NS	NS
	SG	412079-6	23	7.5	20	NS	NS	12	NS	NS
	JG	412079-1	2	6.7	80	NS	NS	5 U	NS	NS
	2005 ISGP Parameters		Turbidity	pH	Total Zinc	Total Copper	Total Lead	Oil & Grease		
	2005 ISGP Benchmark		25 NTU	6-9 SU	117 ug/l	63.6 ug/l	81.6 ug/l	15 mg/l		
	2005 ISGP Action Level		50 NTU	5-10 SU	372 ug/L	149 ug/l	159 ug/l	30 mg/l		
Quarter/Date	Sample ID (1):	Laboratory ID							Hardness	Notes
1st Quarter 2005 (3/26/05)	LSN	503163-1	0	7.0	90	5 U	40 U	5 U	5.8	
	LSS	503163-2	0	7.2	160	7	40 U	5 U	12	
	SC	503163-3	0	6.9	10	NS	NS	5 U	NS	
	BGC	503163-4	0	7.0	40	NS	NS	5 U	NS	
	SG	503163-5	0	7.3	10	NS	NS	10	NS	
	JG	503163-6	0	6.7	30	NS	NS	5 U	NS	
2nd Quarter 2005 (6/03/05)	BGC	506022-1	0	6.0	60	NS	NS	5 U	NS	
	LSS	506022-2	0	6.7	100	5 U	40 U	5 U	140	
3rd Quarter 2005 (8/01/05)	BGC	508004-1	0	6.8	340	NS	NS	5 U	NS	
	LSS	508004-2	0	6.5	**570**	16	40 U	5 U	240	
4th Quarter 2005 (12/20/05)	BGC	512091-1	0	6.9	60	NS	NS	5 U	NS	
	LSS	512091-2	16	6.9	170	5 U	40 U	5 U	24	
1st Quarter 2006 (02/23/06)	LSS	602098-1	17	6.2	50	5 U	40 U	5 U	12	
	BGC	602098-2	0	6.1	170	NS	NS	5 U	NS	
2nd Quarter 2006 (05/22/06)	LSS	605099-1	NS	NS	60	NS	NS	NS	NS	
	BGC	605099-2	NS	NS	70	NS	NS	NS	NS	
3rd Quarter 2006	LSS	--	NS	NS	NS	NS	NS	NS	NS	NQSE
	BGC	--	NS	NS	NS	NS	NS	NS	NS	NQSE
4th Quarter 2006 (11/15/06)	BGC	611070-1	NS	NS	56	NS	NS	NS	NS	
	LSS	611070-2	NS	NS	150	NS	NS	NS	NS	
1st Quarter 2007 (3/07/07)	BGC	703027-1	NS	NS	38	NS	NS	NS	NS	
	LSS	703027-2	NS	NS	200	NS	NS	NS	NS	
2nd Quarter 2007 (6/05/07)	BGC	706014-01	NS	NS	10 U	NS	NS	NS	NS	
	LSS	706014-02	NS	NS	10 U	NS	NS	NS	NS	
3rd Quarter 2007 (9/28/07)	BGC	709167-01	NS	NS	43	NS	NS	NS	NS	
	LSS	709167-02	NS	NS	74	NS	NS	NS	NS	
4th Quarter 2007 (10/24/07)	BGC	710133-01	NS	NS	35	NS	NS	NS	NS	
	LSS	710133-02	NS	NS	110	NS	NS	NS	NS	
1st Quarter 2008 (3/14/08)	BGC	0803091-01	NS	NS	33	NS	NS	NS	NS	
	LSS	0803091-02	NS	NS	110	NS	NS	NS	NS	
2nd Quarter 2008 (4/14/08 &	BGC	0804066A-01	NS	NS	54	NS	NS	NS	NS	

TABLE 1
ISGP STORMWATER ANALYTICAL DATA
SNOHOMISH COUNTY PAINE FIELD

2008 (4/14/08 & 5/13/08)	LSS	0805075-01	NS	NS	64	NS	NS	NS	NS	
3rd Quarter 2008 (9/24/08)	LSS	0809140-01	NS	NS	290	NS	NS	NS	NS	
4th Quarter 2008 (12/12/08)	LSS	0812068-01	NS	NS	120	NS	NS	NS	NS	
1st Quarter 2009 (03/20/09)	LSS	0903128-01	NS	NS	56	NS	NS	NS	NS	
2nd Quarter 2009 (05/06/09)	LSS	0905020-01	NS	NS	61	NS	NS	NS	NS	
3rd Quarter 2009 (09/29/09)	LSS	0909147-01	NS	NS	86	NS	NS	NS	NS	
4th Quarter 2009 (11/10/09)	LSS	0911037-01	NS	NS	110	NS	NS	NS	NS	
		2010 ISGP Parameters	Turbidity	pH	Total Zinc	Total Copper	Oil Sheen			
		Method	EPA-180.1/ Field Meter	Field Meter	EPA-200.8	EPA-200.8	Visible?			
		2010 ISGP Benchmark	25 NTU	5-9 SU	117 ug/l	14 ug/l	(Yes/No)			
Quarter/Date	Sample ID (1):	Laboratory ID						Notes		
1st Quarter 2010 (1/15/10)	LSS	1001063-01	9.0	7.5	99	9.0 U	No	LSS pond outlet submerged (sample collected above outlet)		
	BGC	1001063-2	8.0	7.6	21	9.0 U	No			
2nd Quarter 2010 (4/21/10)	LSS	1004126-02	7.1	7.9	100	2.6 U	No	LSS pond outlet submerged (sample collected above outlet)		
	BGC	1004126-01	3.6	7.1	73	3.5	No			
3rd Quarter 2010 (9/23/10)	LSS	1009177-02	5.6	6.4	56	2.6 U	No	LSS pond outlet submerged (sample collected above outlet)		
	BGC	1009177-01	7.4	6.6	41	4.7	No			
4th Quarter 2010: (10/14/10) (11/30/10)	LSS	1010107-02	5.3	7.6	14 U	2.6 U	No	LSS pond outlet submerged (sample collected above outlet)		
	BGC	1010107-01	23.7	7.7	130	4.7	No			
	BGC	1011108-01	NS	NS	28	NS	No	A second sample of zinc was collected. The two results were averaged as shown.		
	BGC (Average)	--	23.7	7.7	79	4.7	No			
Facility has reached "Consistent Attainment" based on four quarters of 2010 sampling results per ISGP condition: S4.B.6.										
1st Quarter 2011 (2/14/11)	LSS	NA	NS	NS	NS	NS	No			
	BGC	NA	NS	NS	NS	NS	No			
2nd Quarter 2011 (5/25/11)	LSS	NA	NS	NS	NS	NS	No			
	BGC	NA	NS	NS	NS	NS	No			

Notes:
(1) LSN = Lake Stickney North, LSS = Lake Stickney South, SC = Swamp Creek, BGC = Big Gulch Creek, SG = Smugglers Gulch, JG = Japanese Gulch.
NQSE = No Qualifying storm event
ISGP = Industrial Stormwater General Permit
U = Compound was analyzed for, but was not detected at the reported sample detection limit.
mg/L = Milligrams per liter.
ug/L = Micrograms per liter.
NA = Not available or not applicable
ND = Compound was analyzed for, but was not detected at the reported sample detection limit.
NS = Not Sampled

= Based on applicable ISGP, sampling for this parameter is not required due to consistent attainment.
= exceedance of 2005 or 2010 ISGP benchmarks (1), (4), (5), (6).
Black Bold type value = exceedance of 2005 action level (3), (4) or requires 2010 ISGP Level Two Corrective Action (5).
Red Bold type value = Requires 2010 ISGP Level Three Corrective Action (6).

(1) Level One Response: Each time after December 31, 2004 quarterly sampling results are above a benchmark value or outside the benchmark range for pH, the permittee shall initiate a Level One Response in accordance with the ISGP effective 1/14/05 until December 31, 2009.
(2) Level Two Response: After December 31, 2004, if any two out of the four previous quarterly sampling results for a parameter are above action levels, the permittee shall initiate a Level Two Response in accordance with the ISGP effective 1/14/05 until December 31, 2009.
(3) Level Three Response: If any four quarterly samples collected after December 31, 2004 are above action levels, the permittee shall initiate a Level Three Response in accordance with the ISGP effective 1/14/05 until December 31, 2009.
(4) Level One Corrective Action: Permittees that exceed any applicable benchmark value(s) shall complete a Level One Corrective Action for each parameter exceeded in accordance with the ISGP effective 1/1/10.
(5) Level Two Corrective Action: Permittees that exceed any applicable benchmark value(s) for two quarters in a calendar year shall complete a Level Two Corrective Action in accordance with the ISGP effective 1/1/10.
(6) Level Three Corrective Action: Permittees that exceed any applicable benchmark value(s) for three quarters in a calendar year shall complete a Level Three Corrective Action in accordance with the ISGP effective 1/1/10.

Industrial Stormwater General Permit National P\ ant Discharge Elimination System (NPDES)

Discharge Monitoring Report (DMR)

Site Name: SNOHOMISH CNTY AIRPORT 100TH ST	WAR000428	Lake Stickney- South (LSS)
Site Address: 3220 100th St Sw	Permit Number	Sampling Point
City: Everett **County:** Snohomish		

Submit **one** DMR per sampling point.

Reporting Period			
Quarter (circle one) Year: 2011			
1st	2nd	3rd	4th
☐ Jan/Feb/Mar	☒ Apr/May/Jun	☐ Jul/Aug/Sept	☐ Oct/Nov/Dec

Parameter	Units	Benchmark Value (Effluent Limit)*	Analytical Method	Laboratory Quantitation Level	Sample Results			
					SINGLE SAMPLE RESULT	SINGLE SAMPLE DATE (MM/DD)	AVERAGE (If more than one sample collected, complete additional sampling log on next page.)	CONSISTENT ATTAINMENT? (Condition S4.B.6) (✓ for yes)
Turbidity	NTU	25	EPA 180.1, Meter	0.5	N/A	N/A	N/A	☒
pH	s.u.	5 - 9	Meter	±0.5	N/A	N/A	N/A	☒
Zinc, Total	µg/L	117	EPA 200.8	2.5	N/A	N/A	N/A	☒
Oil Sheen	Yes/No	No visible oil sheen	N/A	N/A	Sheen Present? ☐ Yes ☒ No	**05/25**	N/A	N/A
Copper, Total	µg/L	Western WA: 14 Eastern WA: 32	EPA 200.8	2.0	N/A	N/A	N/A	☒
Ammonia*	mg/L	2.1	SM4500-NH3-GH	0.3	N/A*	N/A*	N/A	☐
BOD_5*	mg/L	30	EPA 405.1 or SM 5210B	2	N/A*	N/A*	N/A	☐
COD*	mg/L	120	EPA 410.2	5	N/A*	N/A*	N/A	☐
Nitrate/Nitrite, as N*	mg/L	0.68	EPA 4500-NO3-E/F/H	0.10	N/A*	N/A*	N/A	☐

☐ No sample collected – No stormwater was discharged during normal working hours.

☐ No sample collected – Stormwater was discharged during normal working hours, but a sample wasn't collected (explain in comments section).

ADDITIONAL COMMENTS:

*** Per ISGP condition S5.B Table 3 footnote (c), these parameters do not need to be sampled at Snohomish County Airport, because neither the Snohomish County Airport nor a combination of permitted facilities at the airport use more than 100,000 gallons of glycol-based deicing chemicals and/or 100 tons or more of urea on an average annual basis.**

Certification Statement I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name / Title (printed)	Signature (not valid unless signed). See Permit Condition G2 for signature requirements.	Date Signed
DAve Waggoner / Director.	DWaggoner	6-8-11

Mail your DMR to: Department of Ecology, Water Quality Program – Industrial Stormwater, P.O. Box 47696, Olympia, WA 98504-7696

Industrial Stormwater General Permit National P ant Discharge Elimination System (NPDES)

Discharge Monitoring Report (DMR)

Site Name: SNOHOMISH CNTY AIRPORT 100TH ST	WAR000428	Big Gulch Creek (BGC)
Site Address: 3220 100th St Sw	Permit Number	Sampling Point
City: Everett **County:** Snohomish		

Submit **one** DMR per sampling point.

Reporting Period			
Quarter (circle one) Year: 2011			
1st	2nd	3rd	4th
☐ Jan/Feb/Mar	☒ Apr/May/Jun	☐ Jul/Aug/Sept	☐ Oct/Nov/Dec

Parameter	Units	Benchmark Value (Effluent Limit)*	Analytical Method	Laboratory Quantitation Level	Sample Results			
					SINGLE SAMPLE RESULT	SINGLE SAMPLE DATE (MM/DD)	AVERAGE (If more than one sample collected, complete additional sampling log on next page.)	CONSISTENT ATTAINMENT? (Condition S4.B.6) (✓ for yes)
Turbidity	NTU	25	EPA 180.1, Meter	0.5	N/A	N/A	N/A	☒
pH	s.u.	5 - 9	Meter	±0.5	N/A	N/A	N/A	☒
Zinc, Total	µg/L	117	EPA 200.8	2.5	N/A	N/A	N/A	☒
Oil Sheen	Yes/No	No visible oil sheen	N/A	N/A	Sheen Present? ☐ Yes ☒ No	**05/25**	N/A	N/A
Copper, Total	µg/L	Western WA: 14 Eastern WA: 32	EPA 200.8	2.0	N/A	N/A	N/A	☒
Ammonia*	mg/L	2.1	SM4500-NH3-GH	0.3	N/A*	N/A*	N/A	☐
BOD_5*	mg/L	30	EPA 405.1 or SM 5210B	2	N/A*	N/A*	N/A	☐
COD*	mg/L	120	EPA 410.2	5	N/A*	N/A*	N/A	☐
Nitrate/Nitrite, as N*	mg/L	0.68	EPA 4500-NO3-E/F/H	0.10	N/A*	N/A*	N/A	☐

☐ No sample collected – No stormwater was discharged during normal working hours.

☐ No sample collected – Stormwater was discharged during normal working hours, but a sample wasn't collected (explain in comments section).

ADDITIONAL COMMENTS:

*** Per ISGP condition S5.B Table 3 footnote (c), these parameters do not need to be sampled at Snohomish County Airport, because neither the Snohomish County Airport nor a combination of permitted facilities at the airport use more than 100,000 gallons of glycol-based deicing chemicals and/or 100 tons or more of urea on an average annual basis.**

Certification Statement I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name / Title (printed)	Signature (not valid unless signed). See Permit Condition G2 for signature requirements.	Date Signed
DAVE WAGGONER / Director	[signature]	6-8-11

Mail your DMR to: Department of Ecology, Water Quality Program – Industrial Stormwater, P.O. Box 47696, Olympia, WA 98504-7696

LK Stickney North
LK Stickney South
Big Gulch
Snuggle's Gulch

MONTHLY INSPECTION FORM

SNOHOMISH COUNTY AIRPORT, EVERETT, WASHINGTON

Month: July **Date/Time:** 7/26/11 Noon 1315 **Sampling/Discharge Location:** Swamp Creek

MONTHLY INSPECTION [In accordance with Permit Condition S7, qualified personnel shall conduct and document visual inspections of the site each month. Each inspection shall include: observations made at stormwater sampling locations and areas where stormwater associated with industrial activity is discharged off site; or discharged to waters of the state; or to a storm sewer system that drains to waters of the state. Record the results of each inspection on this form and keep the form on-site for Ecology review.

If conducted during a storm event, inspect stormwater discharge for evidence of pollutants entering the drainage system. Check for oil sheen, floating debris, discoloration, turbidity, and odor. Record observations here:
LSS: no odor, no sheen, clear, pond debris covering outlet grate
SC: no odor, no sheen, clear, minor trash
LSN: no odor, no sheen, water discolored - light gray ish, minor trash
BG: no odor, no sheen, no debris, water discolored light orange ish
SG: no odor, no debris, no trash, water discolored by biogrowth

Or, if conducted during a non storm event, check for the presence of illicit discharges such as domestic wastewater, noncontact cooling water, or process wastewater. Groundwater is not considered an illicit discharge. If an illicit discharge is discovered, the Permittee shall notify Ecology within seven days and eliminate the illicit discharge within 30 days. Record observations here:

Assess all BMPs that have been implemented paying special attention to the following (check BMPs inspected):

- [X] Automatic drain and washwater collection systems at airplane and vehicle cleaning areas; [X] Paved areas swept clean
- [X] Maintenance building fueling area spill containment kit; [X] Maintenance building fueling area spill containment berm.
- [X] Covers placed over waste dumpsters and storage containerS; [X] Vehicles and Equipment (no major leaks)
- [X] Maintenance building fueling area covering; [X] Oil recycling area coverings [X] Other BMPs observed? List here:

1. Do the BMPs appear to be effective and functioning adequately and with no observable deviations from the BMP descriptions as described in the SWPPP (Yes/No)?
2. Do the site conditions including potential pollutant sources appear to be consistent with the facility assessment and site map contained in the SWPPP (Yes/No)?

[If the answer to questions 1 or 2 were no, explain here. Include, if applicable, the locations of BMPs that need maintenance, the reason maintenance is needed and a schedule for maintenance, as well as the locations where additional or different BMPs are needed and the rationale for the additional or different BMPs.]

COMPLIANCE STATEMENT: In the judgment of the person identified below as inspector, this facility is in [X] **COMPLIANCE OR** [ ] **NON-COMPLIANCE*** (check one) with the terms and conditions of the SWPPP and the Permit. In the judgment of the person identified below as Facility Representative, this facility is in [X] **COMPLIANCE OR** [ ] **NON-COMPLIANCE*** (check one) with the terms and conditions of the SWPPP and the Permit.

*If non-compliance, the Permittee shall prepare reports of non-compliance in accordance with the requirements of Condition S9.E of the Permit; and in addition, include as part of this inspection, a summary report and a schedule of implementation of the remedial actions that the Permittee plans to take if the site inspection indicates that the site is out of compliance. The remedial actions taken must meet the requirements of the SWPPP and the permit. List summary here (use reverse side if necessary)

CERTIFICATION: I certify that this report is true, accurate, and complete, to the best of my knowledge and belief.

Name of inspector (1): Rosemary Trimmer Title Staff Environmental Specialist

Signature of inspector (1): Rosemary Trimmer Date 7/26/11

Name of Facility Representative (2): D.T. Waggoner Title Airport Director

Signature of Facility Representative (2) D.T. Waggoner Date 7/28/11

(1): As acknowledged by Ecology's Detailed Response to Comments Fact Sheet, APPENDIX C Addendum Part TWO, the certification and signature of the site inspector "may be limited by several factors including incomplete information (e.g., DMR compliance, etc...)". Therefore, by implication, certification and signature by the site inspector does not guarantee site compliance, nor does it imply site inspector liability if non compliance is later determined for the site.

(2) In lieu of Certification and signature of the person described in Condition G2.A of the Permit, a duly authorized representative of the facility, in accordance with Condition G.2.B may also certify and sign this inspection form.

QUARTERLY STORMWATER MONITORING
SNOHOMISH COUNTY AIRPORT, EVERETT, WASHINGTON

Quarter: 3Q11 **Date** 7/26/11 **Sampling/Discharge Location(s):** Big Gulch

STORMWATER SAMPLING According to the Industrial Stormwater General Permit condition S4.B, a permittee is required to collect a sample within the first 12 hours of stormwater discharge. Fourth quarter sampling must occur during the first storm event of that quarter. For the other three quarters, sampling does not need to be conducted during the first storm event. Permittees need not sample outside of regular business hours, during unsafe conditions, or during quarters where there is no discharge, but must still submit a Discharge Monitoring Report each reporting period.

1. Time of sampling (should be within 12 hours after discharge begins):	14:15
2. Did sampling occur within the first 12 hours of discharge?	☒ Yes ☐ No
3. If the answer to question 2 is no, explain why a sample was not collected within the first 12 hours.	
4. For fourth quarter sampling, did the sampling occur during the first storm event of that quarter?	☐ Yes ☐ No ☒ N/A
5. Sampling method (e.g., "from catch basin by hand"):	N/A
6. Sampling parameters:	N/A
7. Result of field measurements if applicable (pH/Turbidity):	N/A
8. Field meters calibrated according to meter calibration standards prior to sampling.	☐ Yes ☐ No ☒ N/A
9 Oil sheen visible?	☐ Yes ☒ No

10. Comments (i.e., unusual circumstances):

no odor, no sheen, water discolored - light orange ish
no debris
no unusual circumstances

Name of sampler: Rosemary Trimmer

Signature of sampler: Rosemary Trimmer Date: 7/26/11

VISUAL MONITORING REMINDER If monthly visual monitoring has not already been conducted, record the results of visual monitoring on the separate required Monthly Inspection form.

QUARTERLY STORMWATER MONITORING
SNOHOMISH COUNTY AIRPORT, EVERETT, WASHINGTON

Quarter: 3Q11 **Date** 7/26/11 **Sampling/Discharge Location(s):** Lake Stickney South

STORMWATER SAMPLING According to the Industrial Stormwater General Permit condition S4.B, a permittee is required to collect a sample within the first 12 hours of stormwater discharge. Fourth quarter sampling must occur during the first storm event of that quarter. For the other three quarters, sampling does not need to be conducted during the first storm event. Permittees need not sample outside of regular business hours, during unsafe conditions, or during quarters where there is no discharge, but must still submit a Discharge Monitoring Report each reporting period.

1. Time of sampling (should be within 12 hours after discharge begins):	12:30
2. Did sampling occur within the first 12 hours of discharge?	☒ Yes ☐ No
3. If the answer to question 2 is no, explain why a sample was not collected within the first 12 hours.	
4. For fourth quarter sampling, did the sampling occur during the first storm event of that quarter?	☐ Yes ☐ No ☒ N/A
5. Sampling method (e.g., "from catch basin by hand"):	N/A
6. Sampling parameters:	N/A
7. Result of field measurements if applicable (pH/Turbidity):	N/A
8. Field meters calibrated according to meter calibration standards prior to sampling.	☐ Yes ☐ No ☒ N/A
9. Oil sheen visible?	☐ Yes ☒ No

10. Comments (i.e., unusual circumstances):

no odor, no sheen, clear, pond debris, minor trash
outlet grate covered w/mud, sticks
no unusual circumstances

Name of sampler: Rosemary Trimmer

Signature of sampler: Rosemary Trimmer Date: 7/26/11

VISUAL MONITORING REMINDER If monthly visual monitoring has not already been conducted, record the results of visual monitoring on the separate required Monthly Inspection Form.

QUARTERLY STORMWATER MONITORING
SNOHOMISH COUNTY AIRPORT, EVERETT, WASHINGTON

Quarter: 4Q11 **Date** 10/3/11 **Sampling Location:** Big Gulch

STORMWATER SAMPLING: According to the Industrial Stormwater General Permit condition S4.B, a permittee is required to collect a sample within the first 12 hours of stormwater discharge. Fourth quarter sampling must occur during the first storm event of that quarter. For the other three quarters, sampling does not need to be conducted during the first storm event. Permittees need not sample outside of regular business hours, during unsafe conditions, or during quarters where there is no discharge, but must still submit a Discharge Monitoring Report each reporting period.

1. Time of sampling (should be within 12 hours after discharge begins):	1130
2. Did sampling occur within the first 12 hours of discharge?	☐ Yes ☑ No
3. If the answer to question 2 is no, explain why a sample was not collected within the first 12 hours.	Discharge began during non-business hours
4. For fourth quarter sampling, did the sampling occur during the first storm event of that quarter?	☑ Yes ☐ No ☐ N/A
5. Sampling method (e.g., "from catch basin by hand"):	NA*
6. Sampling parameters:	NA*
7. Result of field measurements if applicable (pH/Turbidity):	pH: NA* s.u. Turbidity: NA* NTU
8 Field meter calibration record: Field meter calibrated successfully according to meter calibration standards prior to sampling?	☐ Yes ☐ No ☑ N/A
9 Oil sheen visible?	☐ Yes ☑ No

10. Comments (i.e., unusual circumstances):

* - Sampling not required due to consistent attainment of benchmark values

Name of sampler: Gary Huitsing

Signature of sampler: Gary Huitsing Date: 10/3/11

VISUAL MONITORING REMINDER [If monthly visual monitoring has not already been conducted, record the results of visual monitoring on the separate required Monthly Inspection form].

QUARTERLY STORMWATER MONITORING
SNOHOMISH COUNTY AIRPORT, EVERETT, WASHINGTON

Quarter: 4Q11 **Date** 10/3/11 **Sampling Location:** Lake Stickney - South

STORMWATER SAMPLING: According to the Industrial Stormwater General Permit condition S4.B, a permittee is required to collect a sample within the first 12 hours of stormwater discharge. Fourth quarter sampling must occur during the first storm event of that quarter. For the other three quarters, sampling does not need to be conducted during the first storm event. Permittees need not sample outside of regular business hours, during unsafe conditions, or during quarters where there is no discharge, but must still submit a Discharge Monitoring Report each reporting period.

1. Time of sampling (should be within 12 hours after discharge begins):	1150
2. Did sampling occur within the first 12 hours of discharge?	☐ Yes ☑ No
3. If the answer to question 2 is no, explain why a sample was not collected within the first 12 hours. Discharge began during non-business hours	
4. For fourth quarter sampling, did the sampling occur during the first storm event of that quarter?	☑ Yes ☐ No ☐ N/A
5. Sampling method (e.g., "from catch basin by hand"):	NA*
6. Sampling parameters:	NA*
7. Result of field measurements if applicable (pH/Turbidity):	pH: NA* s.u. Turbidity: NA* NTU
8 Field meter calibration record: Field meter calibrated successfully according to meter calibration standards prior to sampling?	☐ Yes ☐ No ☑ N/A
9 Oil sheen visible?	☐ Yes ☑ No
10. Comments (i.e., unusual circumstances): * Sampling not required due to consistent attainment of benchmark values	

Name of sampler: Gary Huitsing

Signature of sampler: Gary Huitsing Date: 10/3/11

VISUAL MONITORING REMINDER [If monthly visual monitoring has not already been conducted, record the results of visual monitoring on the separate required Monthly Inspection form].

LAKE STICKNEY-NORTH (LSN)
LAKE STICKNEY-SOUTH (LSS)
SWAMP CREEK (SC)
SMUGGLERS GULCH (SG)

MONTHLY INSPECTION FORM

SNOHOMISH COUNTY AIRPORT, EVERETT, WASHINGTON

Month: October **Date/Time:** 10/3/11 1130 – 1545 **Sampling/Discharge Location:** BIG GULCH (BG)

MONTHLY INSPECTION [In accordance with Permit Condition S7, qualified personnel shall conduct and document visual inspections of the site each month. Each inspection shall include: observations made at stormwater sampling locations and areas where stormwater associated with industrial activity is discharged off-site; or discharged to waters of the state, or to a storm sewer system that drains to waters of the state. Record the results of each inspection on this form and keep the form on-site for Ecology review.

If conducted during a storm event, inspect stormwater discharge for evidence of pollutants entering the drainage system. Check for oil sheen, floating debris, discoloration, turbidity, and odor. Record observations here: BG: No odor, no sheen, clear colorless
BG: ORANGE BIOGROWTH, NON-OIL SHEEN FROM BIOGROWTH, NO ODOR, CLEAR WITH PLANT DEBRIS & SMALL GREEN FLOATING PLANTS
SC: NO FLOW (DRY-DAMP GRASSY, NO SHEEN, NO ODOR)
LSS: CLEAR, COLORLESS, NO ODOR, NO SHEEN, PLANT DEBRIS
LSN: CLEAR, COLORLESS NO ODOR, NO SHEEN.

Or, if conducted during a non storm event, check for the presence of illicit discharges such as domestic wastewater, noncontact cooling water, or process wastewater. Groundwater is not considered an illicit discharge. If an illicit discharge is discovered, the Permittee shall notify Ecology within seven days and eliminate the illicit discharge within 30 days. Record observations here:

Assess all BMPs that have been implemented paying special attention to the following (check BMPs inspected):

☑ Automatic drain and washwater collection systems at airplane and vehicle cleaning areas (wash rack operating instructions posted);
☑ Paved areas swept clean; ☑ Maintenance fueling area spill containment kit; ☑ Maintenance fueling area spill containment berm;
☑ Covers placed over waste dumpsters and storage containers; ☑ Vehicles and Equipment (no major leaks);
☑ Maintenance building fueling area covering; ☑ Oil recycling area coverings ☑ Stormwater drainage system (Oil/Water separators, CBs, etc...) appear to be functioning properly based on lack of oil sheen and debris at outfalls.

1. Do the BMPs appear to be effective and functioning adequately and with no observable deviations from the BMP descriptions as described in the SWPPP (**Yes**/No)?
2. Do the site conditions including potential pollutant sources appear to be consistent with the facility assessment and site map contained in the SWPPP (**Yes**/No)?

[If the answer to questions 1 or 2 were no, explain here. Include, if applicable, the locations of BMPs that need maintenance, the reason maintenance is needed and a schedule for maintenance, as well as the locations where additional or different BMPs are needed and the rationale for the additional or different BMPs.]

COMPLIANCE STATEMENT: In the judgment of the person identified below as Inspector, this facility is in
☑ **COMPLIANCE OR** ☐ **NON-COMPLIANCE*** (check one) with the terms and conditions of the SWPPP and the Permit.
In the judgment of the person identified below as Facility Representative, this facility is in
☐ **COMPLIANCE OR** ☐ **NON-COMPLIANCE*** (check one) with the terms and conditions of the SWPPP and the Permit.
*If non-compliance, the Permittee shall prepare reports of non-compliance in accordance with the requirements of Condition S9.E of the Permit; and in addition, include as part of this inspection, a summary report and a schedule of implementation of the remedial actions that the Permittee plans to take if the site inspection indicates that the site is out of compliance. The remedial actions taken must meet the requirements of the SWPPP and the permit. List summary here (use reverse side if necessary)

CERTIFICATION: I certify that this report is true, accurate, and complete, to the best of my knowledge and belief.

Name of inspector (1): Gary Hutsinger Title Field Mgr

Signature of inspector (1): [signature] Date 10/3/11

Name of Facility Representative (2): DAVE WAGGONER AIRPORT DIRECTOR Title Airport Director

Signature of Facility Representative (2) [signature] Date 11-30-11

(1): As acknowledged by Ecology's Detailed Response to Comments Fact Sheet, APPENDIX C Addendum Part TWO, the certification and signature of the site inspector "may be limited by several factors including incomplete information (e.g., DMR compliance, etc...)". Therefore, by implication, certification and signature by the site inspector does not guarantee site compliance, nor does it imply site inspector liability if non compliance is later determined for the site.

(2) In lieu of Certification and signature of the person described in Condition G2.A of the Permit, a duly authorized representative of the facility, in accordance with Condition G.2.B may also certify and sign this inspection form.

Exhibit 9
Snohomish County Public Works Coordination Meetings
2011 & 2012

National Pollutant Discharge Elimination System (NPDES) Municipal Stormwater Permit
Semiannual Snohomish County Coordination Meeting – October 10, 2011
Meeting Summary

Meeting began at 10:00 AM

In attendance

PW/SWM, PW/Solid Waste, PW/Road Mntc, PW/Admin Ops, PW/TES, PW/Eng Svc, Parks, Facilities, PDS, PA, Airport

Meeting summary

Phase 1 Permit reissuance: See bullet points presented in following page. SWM will prepare a summary and analysis of the public review draft permits issued on October 19, and send them to department directors and the Exec's Office. The primary issues raised at the meeting were whether Ecology would include new low impact development requirements in the one-year Phase 1 permit (not known), potential impacts to required levels of effort in 2012, and the mechanics of the appeal process. These issues will become clearer after the draft permits are released on 10/19/11.

Puget Sound Partnership Low Impact Development (LID) Manual reissuance: SWM will review this document and prepare an analysis. At this point, the primary concern with the PSP LID Manual is to ensure that it does not become a regulatory document that conflicts with the NPDES permits or Ecology Stormwater Manual.

Potential EPA audits of Puget Sound Phase 1 municipal stormwater permittees: EPA has stated plans to audit one or more NPDES Phase 1 municipal stormwater permittees in the Puget Sound region, with WSDOT included in the list. There is no specific information about who will be audited, what is instigating the audits, what EPA wants to achieve with them, or exactly when they will occur. SWM will keep County NPDES leads and management informed when more definitive news comes out.

Meeting adjourned approximately 10:55

National Pollutant Discharge Elimination System (NPDES) Municipal Stormwater Permit
Semiannual Snohomish County Coordination Meeting – October 10, 2011
Meeting Summary

NPDES Phase 1 Permit Reissuance

- In July 2012, Ecology will issue two Phase 1 permits:
  - A 'one-year' permit effective August 2012 to July 2013
  - A 'five-year' permit effective August 2013 to July 2018
- This will keep the Phase 1 permit issuance on the same schedule as that mandated by the WA State Legislature for the Phase 2 permits
- Ecology will issue public review drafts of both Phase 1 permits on October 19, 2011
- The comment period is October 19, 2011 to February 3, 2012
- The 30-day appeal period for both Phase 1 permits starts on the issuance date in 2012
- The 'one-year' Phase 1 permit will contain some changes
- Expected changes in one-year permit include:
  - Annual inspection frequency of privately-owned stormwater facilities
  - Undetermined changes to illicit discharge detection program
  - Monitoring program – finishing up existing work / transition to state-run program
- 'Five-year' permit changes include:
  - LID / basin planning for new development
  - Increased level of effort for stormwater retrofit program
  - Most monitoring will be done by state
  - Additional TMDLs
- Both Phase 1 permits will be appealed on multiple issues and by diverse parties (same for the Phase 2 permits)
- Anticipate 2 year appeal process, after which we will dive into intensive 2-year period of land development code / policy changes

Ecology website for permit reissuance is:
http://www.ecy.wa.gov/programs/wq/stormwater/municipal/2012Reissuance.html

National Pollutant Discharge Elimination System (NPDES) Municipal Stormwater Permit
Semiannual Snohomish County Coordination Meeting – October 8, 2012
Meeting Summary

Meeting began at 10:00 AM

In attendance: PW/SWM, PW/ES, PW/TES, PW/Fleet, Parks, PDS, PA, Facilities

Meeting summary

Update on appeals of NPDES Phase 1 and Phase 2 municipal stormwater permits: Permits were appealed by a variety of municipalities (including Snohomish County appeal of Phase 1 permit), business groups, and a water district. No appeals filed by environmental groups. Snohomish County and other entities have filed for intervention status, including environmental groups. Snohomish County and others have moved to deny intervenor status to environmental groups on procedural grounds, in essence because the environmental groups have indicated they intend to raise issues not set forth by other appellants, which technically speaking cannot be done by an intervenor. Whether the Pollution Control Hearings Board will agree remains to be seen.

In the near term, appeals will be consolidated to some degree, and the final hearing may take the form of one big hearing for the Phase 1 permit and another for the Phase 2 permit. Hearings will probably start in summer 2013. County staff may need to be deposed regarding factual issues; the PA will contact staff as needed.

Continuation of semiannual meeting: Those present agreed that the semiannual discussion meeting was a useful thing to continue, as a supplement to the smaller group or topic-specific discussions and meetings that happen throughout the year.

Creation of topic-specific coordination groups: Some meeting attendees thought there would be a benefit to creating more formal intradepartmental discussion subgroups for specific topics. A specific example brought up was the creation of a subgroup to discuss interdepartmental property management (e.g., PW/ Road Maintenance performing storm sewer maintenance at Parks properties). PW/SWM will take action on this.

October 23/24 EPA audit of Snohomish County NPDES compliance: All departments present at the meeting have been involved in preparing for the audit. No new information was presented over and above what has been discussed in one-on-one meetings with those agencies or in informational e-mails on the topic. There is no new news at this time.

General discussion: The group was informed of Bellevue's recent actions related to preventing spread of the New Zealand mud snail through standard storm sewer maintenance practices. There are no NZ mud snail infested areas within Snohomish County yet, but Bellevue and other municipalities have had to take on fairly intensive storm sewer equipment (e.g., vactor truck) decontamination procedures to prevent spreading the snails from Kelsey Creek to other streams that are not yet known to be infested. This topic will likely become a larger stormwater management issue in the region.

Meeting adjourned at 11:00 AM

Exhibit 10
Example of Notice for Stormwater Drainage Facility Maintenance

CAO
10/23/12 date

Snohomish County
Public Works
Surface Water Management

Aaron Reardon
County Executive

(425) 388-3464
FAX (425) 388-6455

3000 Rockefeller Ave., M/S 607
Everett, WA 98201-4046

NOTICE FOR STORMWATER DRAINAGE FACILITY MAINTENANCE

Development Project Name: Silver Leaf Condo

Tract: 999

Address: 106th and 19th PL SE

Property Owner(s): Silver Leaf, A Single Family Condominium Owners Association

Dear Property Owner(s),

This notice is to inform you that on 12/16/2009, I inspected the Stormwater detention treatment (drainage facility) located at the Silver Leaf Condo site (see attached map) and that maintenance is needed. This drainage facility was designed and installed during the construction of improvements to your site, and it is owned and operated by you as the property owner. The drainage facility temporarily stores stormwater and releases it slowly, so that downstream drainage systems, creeks, and wetlands are not overwhelmed by the water. The facility also improves the quality of the water. These types of systems require periodic inspection and maintenance so that they continue to properly function. The purpose of inspecting the facility was to determine whether it requires maintenance.

The County operates under a federal stormwater permit that requires most newer drainage facilities, both private and public, to be inspected and maintained. County code requires that this maintenance be done by the owners or operators of the drainage facility. Based on my inspection of your facility, the attached sheet lists the maintenance actions that you are required to perform to keep the facility functioning properly. You are required to complete these actions within a specific timeframe, and penalties may apply if the work is not completed. The attached sheet also lists additional maintenance actions that you are recommended to perform, but that are not required for the facility to function properly. Although these actions are recommended, they are not required, so no timeframes or penalties would apply.

The timeframes to complete the required maintenance actions are explained in the County's drainage manual. In most cases, owners will have up to one year from the receipt of this notice to perform the actions on the required maintenance list, though certain maintenance items must be completed within 30 days. In some unusual cases where the cost of the required maintenance work exceeds $25,000, property owners can request an additional year to perform the work. If this occurs, you must submit documentation of these maintenance costs, such as a contractor cost estimate, before the additional timeframe is approved. Please contact me directly if you believe your required maintenance items will exceed $25,000 so that we can adjust your schedule. A comprehensive list of contractors is available for download at the website below or in hard copy form upon request.

Once you complete the required maintenance actions, you will need to contact me to perform a follow up inspection to verify that the required maintenance actions were properly completed. It would be in your best interest to contact me as soon as possible after the maintenance work is completed so that I can see exactly what was done, rather than wait until later when it may be harder to tell what was done. If you are unable to contact me by phone or e-mail, you can also call our receptionist at 425-388-3464. If you choose not to perform the required maintenance actions, then you will likely be subject to code enforcement action by the County, which includes monetary fines.

In the future, the County plans to inspect your private drainage facility at least once every five years to ensure that it is properly maintained. I recommend that you regularly maintain your drainage facility as well as any other catch basins on your site that I may not have inspected. The County has developed a Stormwater Facility Maintenance Handbook to help property owners better understand the maintenance that is needed for specific types of drainage facilities. To view this handbook or to find additional information about this program,

please visit our website at:
www.co.snohomish.wa.us/Departments/Public_Works/Divisions/SWM/Work_Areas/Urban_Drainage/Inspections/. If you have any questions about this or any other drainage issues, please contact me.

Sincerely,

Thomas Bryant (Drainage Facility Inspector)
Snohomish County, Public Works Department, Surface Water Management
Cell phone: 425 359 0891 office phone: 425 388 3464 ext 2078
e-mail: tom.bryant@snoco.org

Enclosures

date

Results of Maintenance Inspection
performed on 12/16/2009
Stormwater Detention Facility, Silver Leaf Condo

Required Maintenance Actions (must be completed within one year unless noted otherwise):

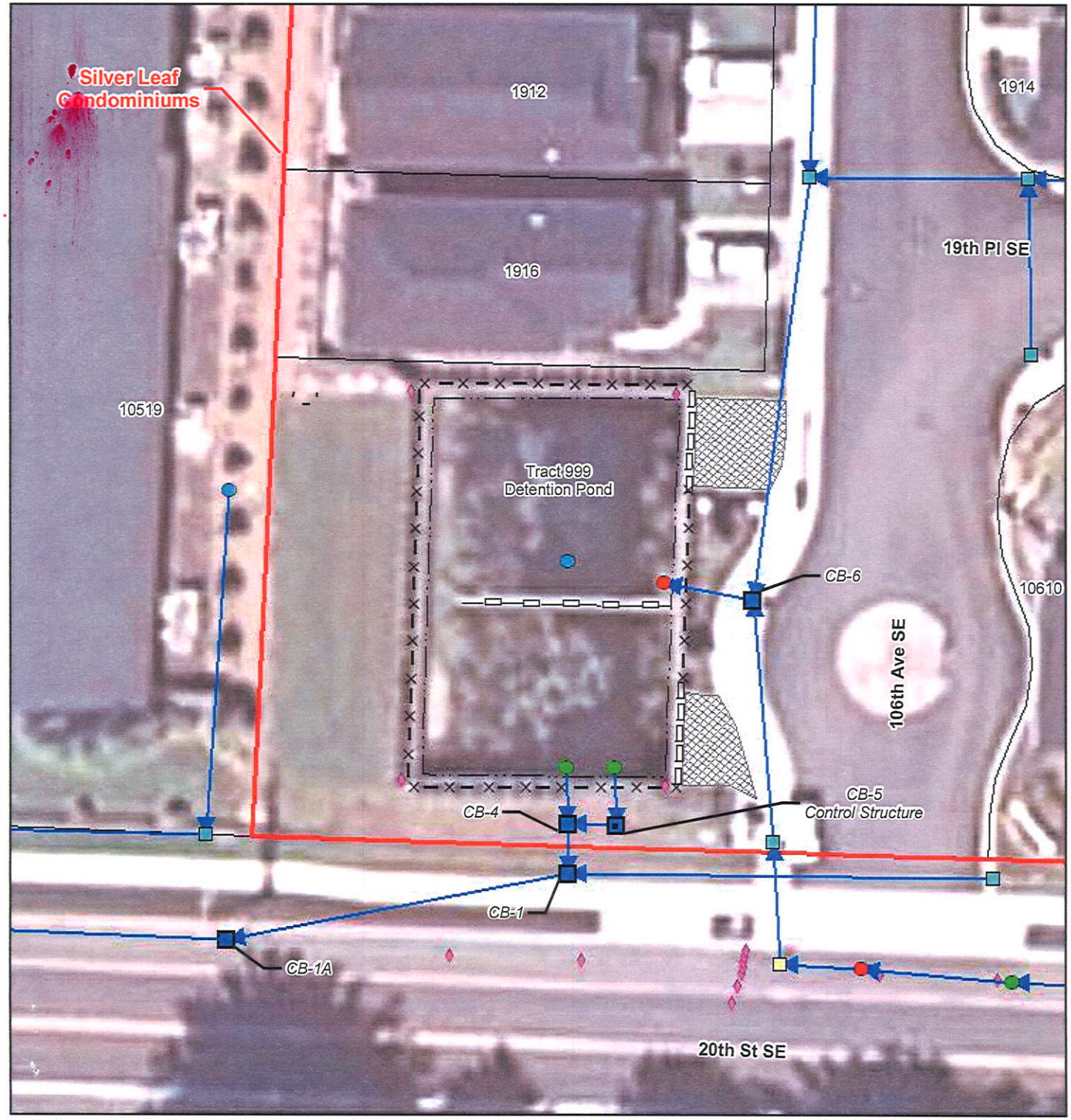
1. Remove floatable material in CB 5 (control structure)
2. Clean approximately 16 inches of sediment out of CB 6
3. Missing hex bolts on all lids around facility, CB 5, 4 & 1 please reinstall.

Additional Recommended Maintenance Actions (not required):

1. None

Drainage Facility Site Plan

Facility ID - 1999 **Facility Name - Silver Leaf Condominiums**



LEGEND

Stormwater Infrastructure

- Pipe In
- Pipe Out
- Pipe Invert (flow direction unclear)
- Other Drainage Features
- CB Yard Drain
- CB Type 1 Inlet
- CB Type 1
- CB Type 2
- CB Type 2 Flow Restr/Poll Cntrl
- Other CBs
- Vault Access; CB Type 3 WQ Vault; Filters
- Detention Pipe Access
- Water Flow Direction
- Cross section and ditch points

Other Features

- City Boundary
- Parcel Boundaries
- Easement utilities
- Easement drainage

Facility Features

- Pond Outline
- Ramp Access
- Gate
- Fence
- Ecology Blocks

N W E S

0 5 10 20 Feet

Vicinity Map